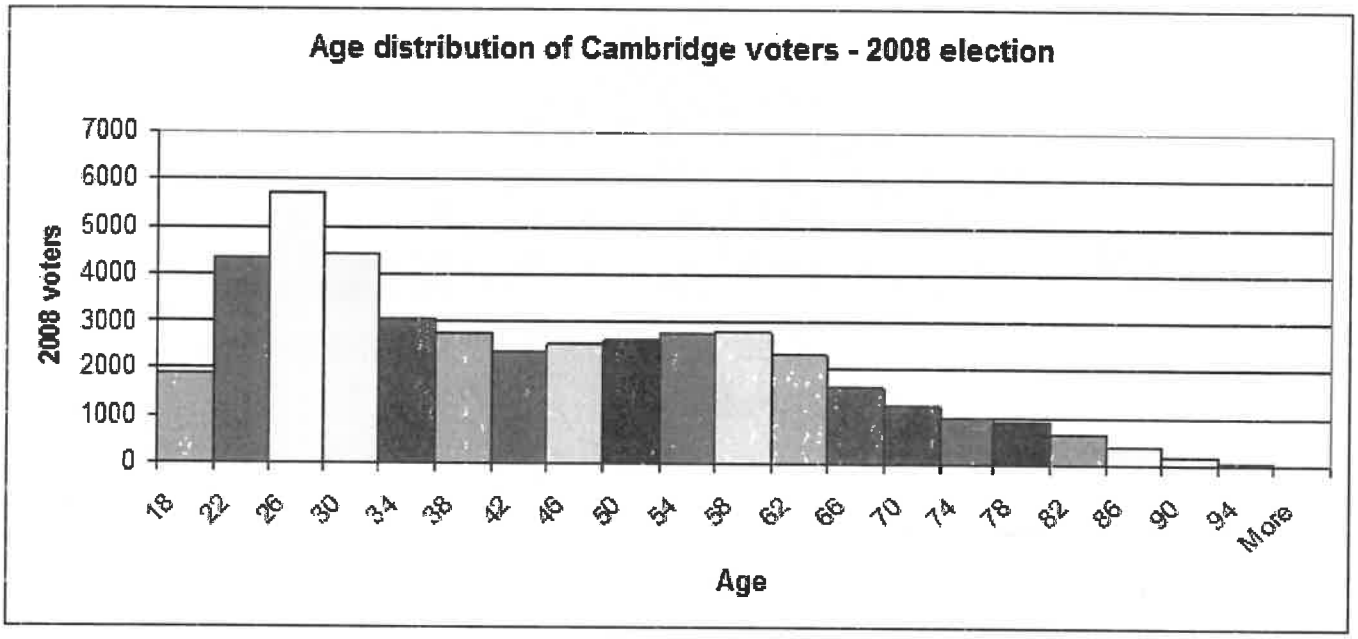
Name: Aidyn

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22 years old

2) What ages are represented in the 78-82 interval?

78, 79, 80, 81

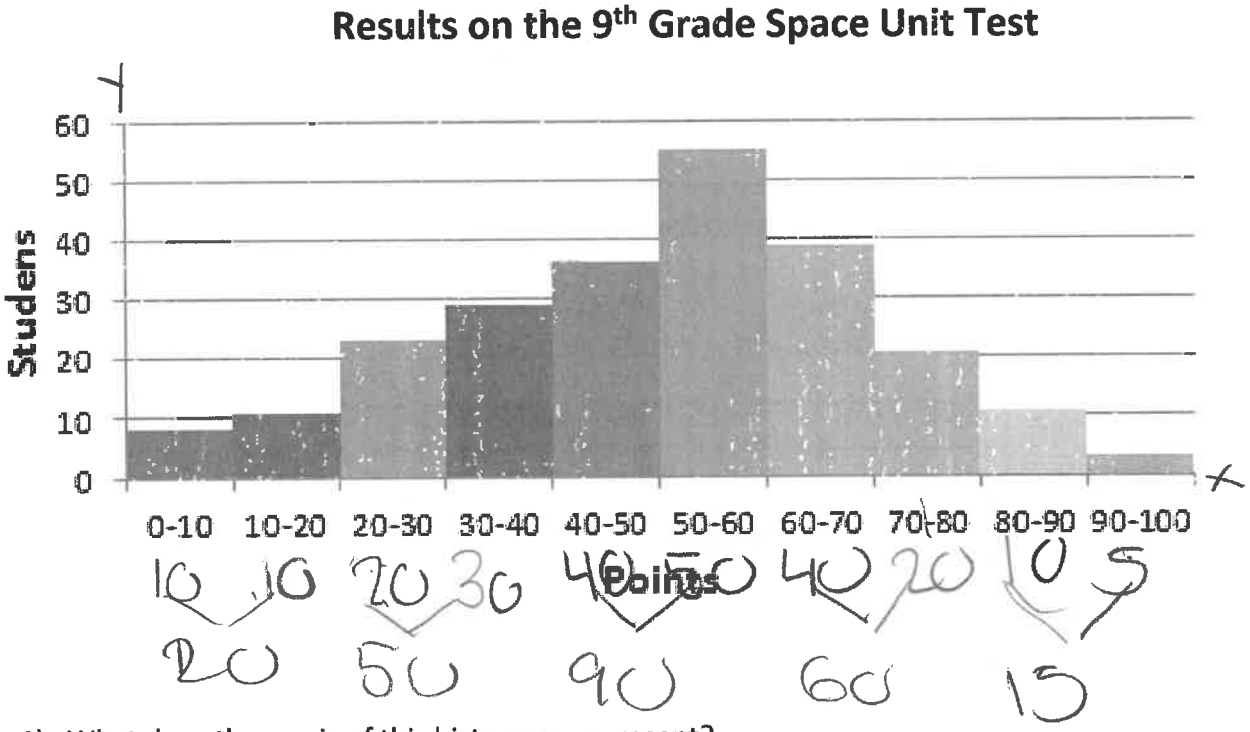
the reason why is because for ex ing

3) About how many voters were between 18-22 years old?

2000 because they 18 year old ar near 2000

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



1) What does the x-axis of this histogram represent?

Points

2) What does the y-axis of this histogram represent?

Students

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

about 235 students

5) About how many students scored between 70-80 on the space unit test?

about 20

6) What was more common: a student scoring below 20 or a student scoring above 70?

7) What did a typical 8th grade student score on this test?

70
+15
85

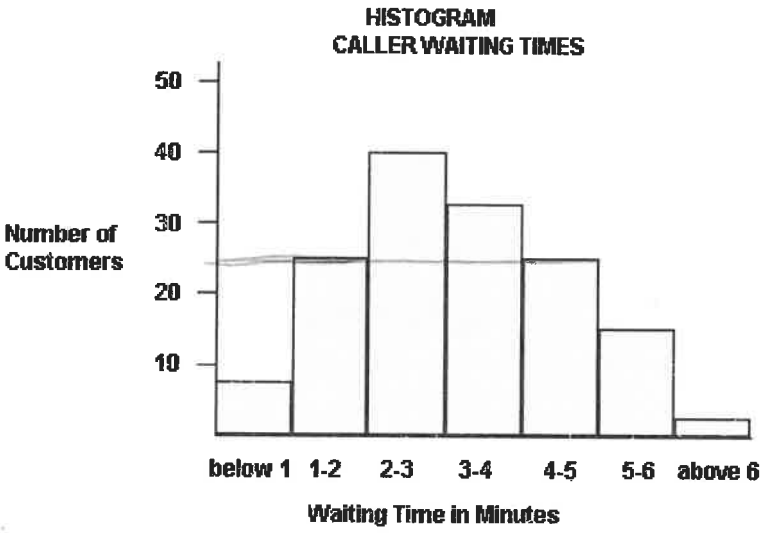
85
+90
60
235

Name: Aidan

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?
The wating time of people I

b) What does the y-axis represent in this histogram?
Calling
how many customers called

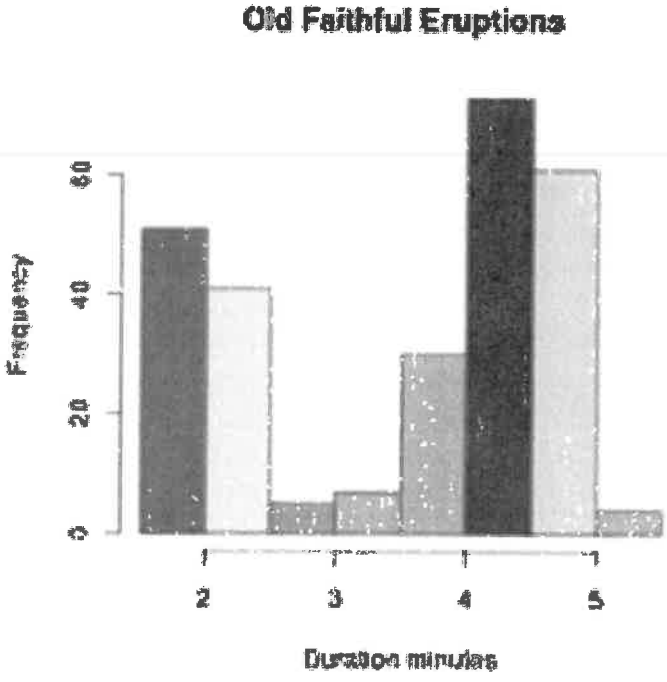
c) Which interval would a wait time of 5:00 minutes fall into?
4:00 - 4:59

d) About how many customers had to wait less than two minutes?
about 25-30

e) About how many customers had to wait at least four minutes?
about 25-30

f) If you called AT&T right now, how many minutes would you expect to have to wait?
around 2-3

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

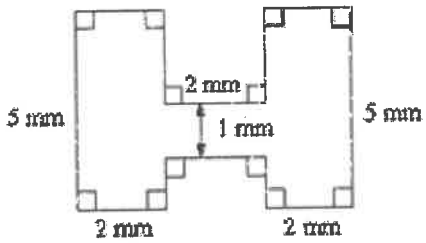
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



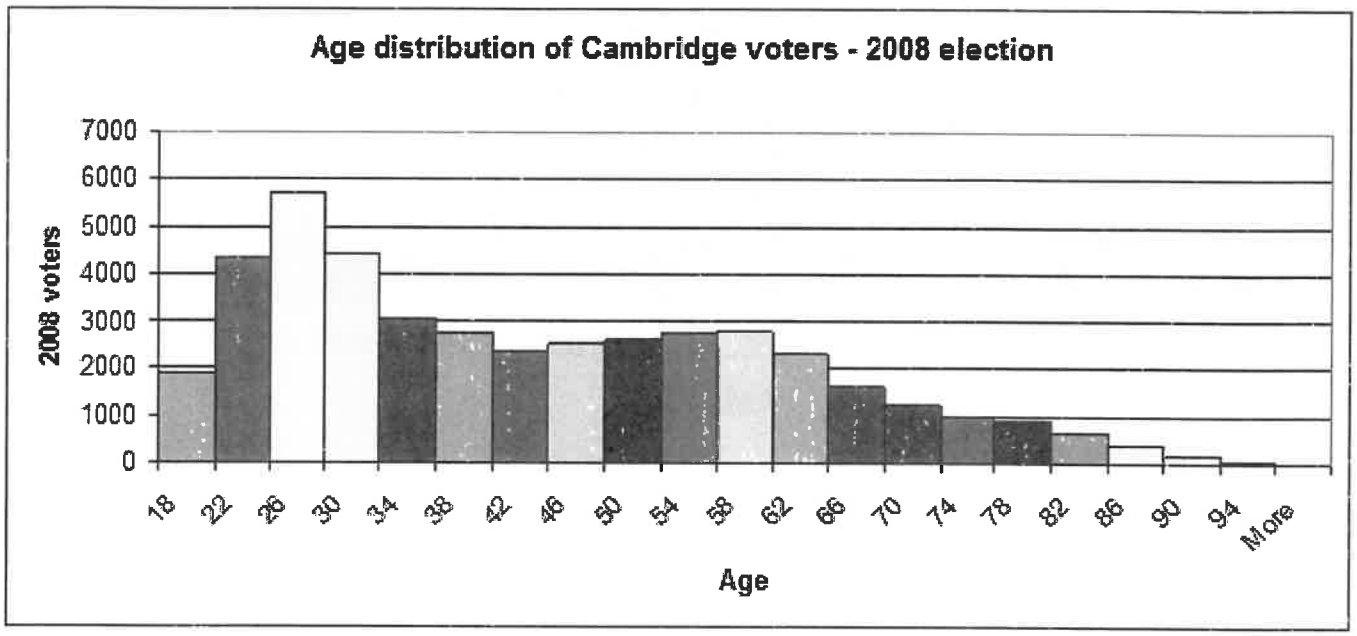
Name: James

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

The first range I see is 18-22 and this is the range of people who voted.

2) What ages are represented in the 78-82 interval?

78, 79, 80, 81

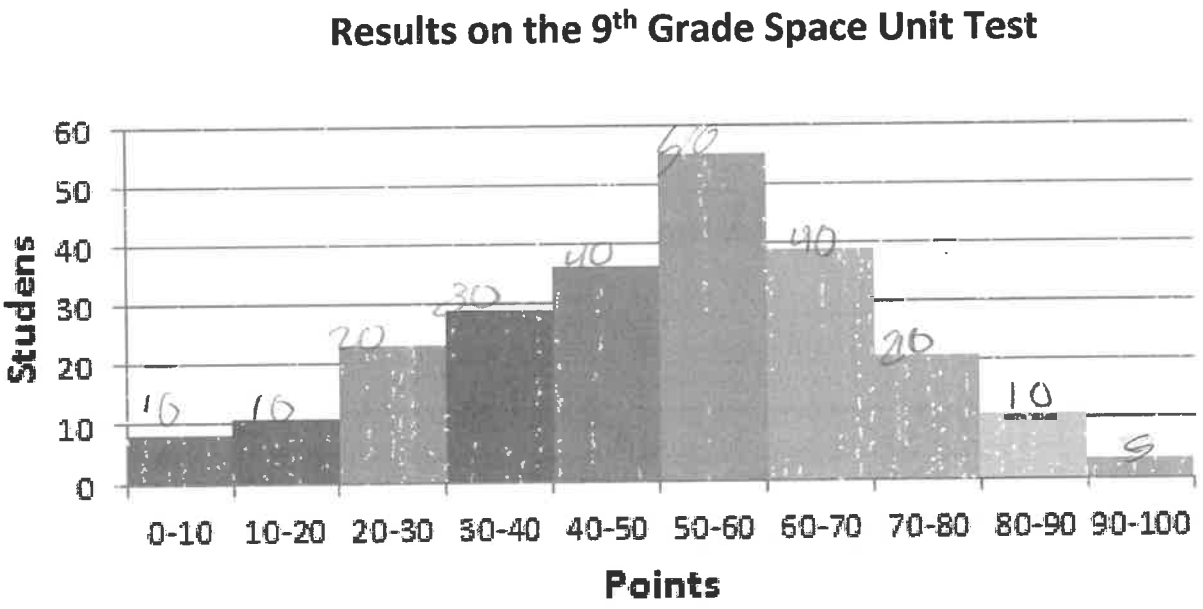
These are all the ages

3) About how many voters were between 18-22 years old?

About 2000 people

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



1) What does the x-axis of this histogram represent?
The Points

2) What does the y-axis of this histogram represent?
the Students

3) Which interval would a score of 80 fall into?
80-90

4) About how many total students took the space unit test?
About 240 students

5) About how many students scored between 70-80 on the space unit test?
About 20 students

6) What was more common: a student scoring below 20 or a student scoring above 70?

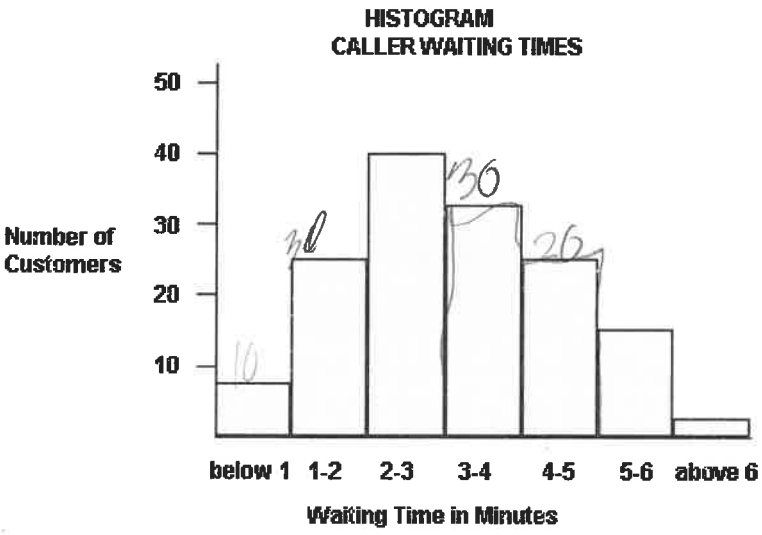
7) What did a typical 8th grade student score on this test?

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?
waiting time

b) What does the y-axis represent in this histogram? customers

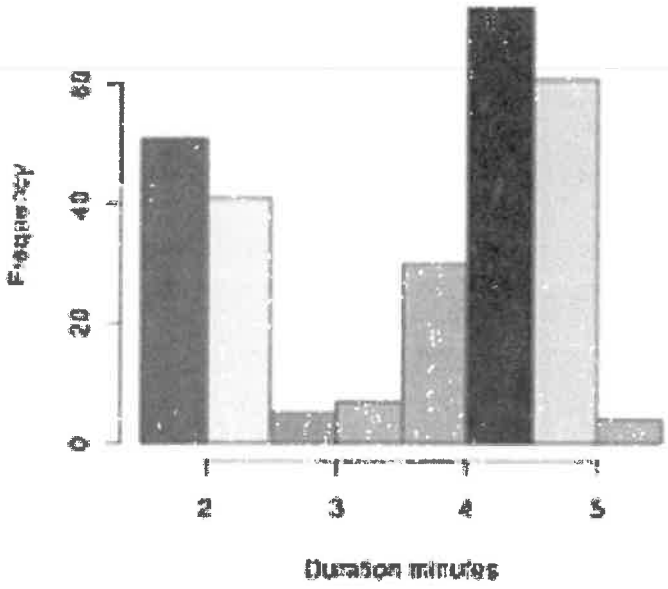
c) Which interval would a wait time of 5:00 minutes fall into?
5-6 minutes

d) About how many customers had to wait less than two minutes?
About 40 kids

e) About how many customers had to wait at least four minutes?
About 30 people

f) If you called AT&T right now, how many minutes would you expect to have to wait?
you would expect to wait about 2 or 3 minutes.

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

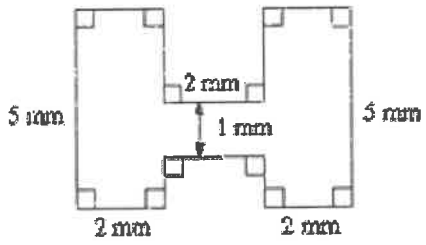
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



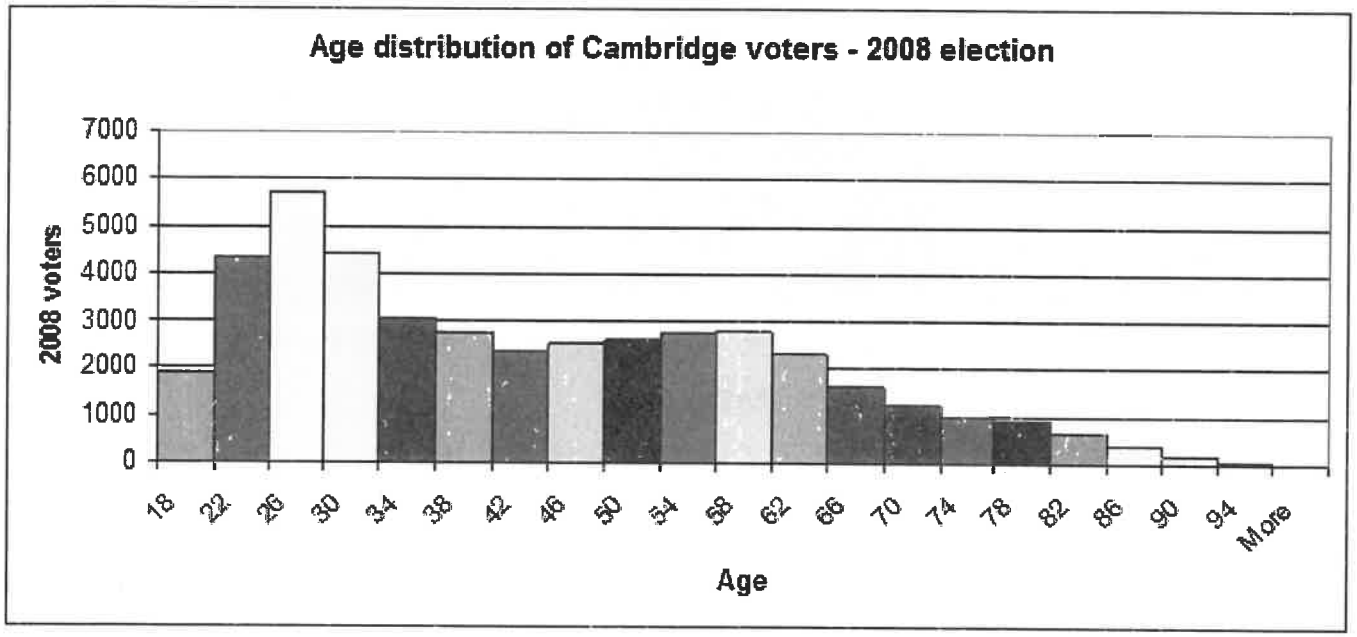
Name: Jose

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18 years old = 22 year old

2) What ages are represented in the 78-82 interval?

Every age in between 78 and 82 It doesn't include 82 because the ages are in between 78 and 82.

Ex. 79yrs, 80yrs, 81yrs

3) About how many voters were between 18-22 years old?

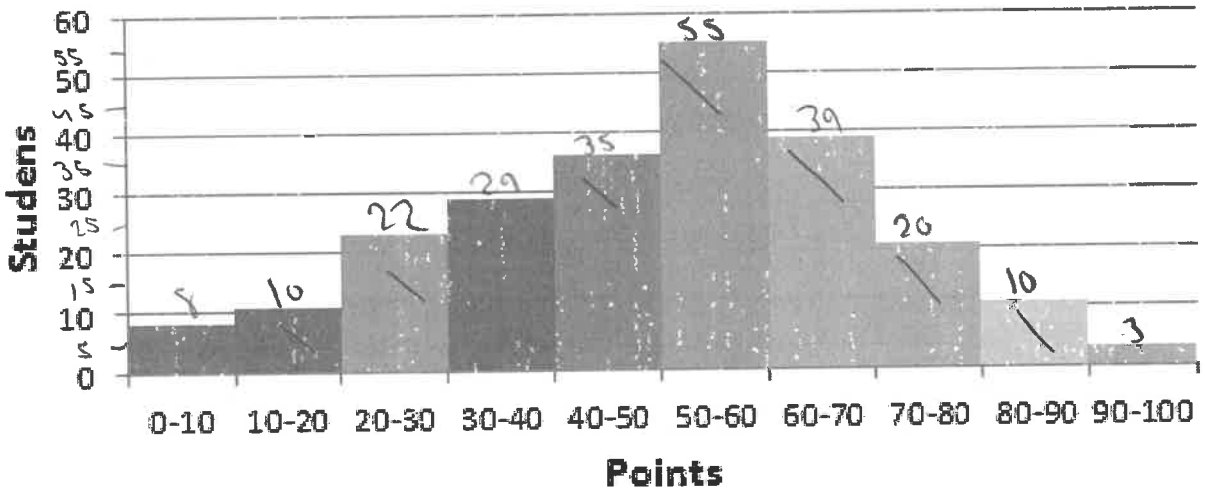
About 1,998 or 1,999

The voters are close to 2,000 so I thought those could be possible solutions.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



2
55
+39
40
35
32
0
209

1) What does the x-axis of this histogram represent?

The amount of points scored on the space unit test.

2) What does the y-axis of this histogram represent?

The amount of students tested on the space unit test.

3) Which interval would a score of 80 fall into?

80 - 90

4) About how many total students took the space unit test?

5) About how many students scored between 70-80 on the space unit test?

6) What was more common: a student scoring below 20 or a student scoring above 70?

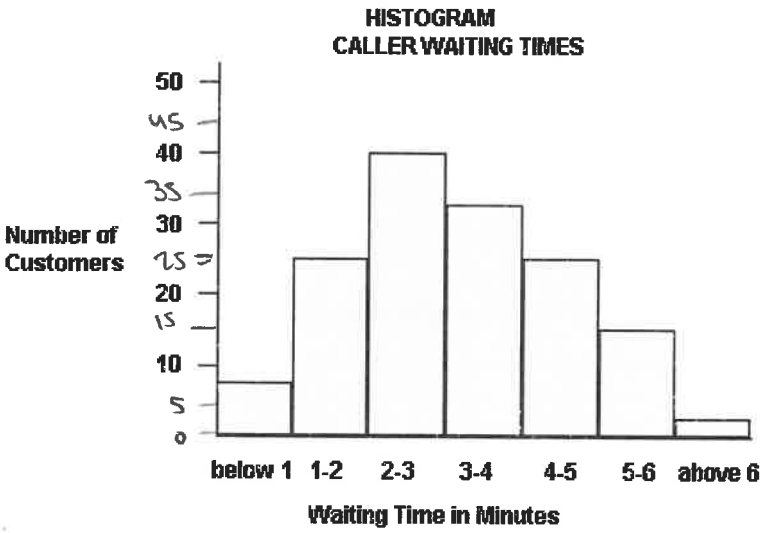
7) What did a typical 8th grade student score on this test?

Name: _____ Jose

Number: _____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?

The amount of mins of waiting time.

b) What does the y-axis represent in this histogram?

The amount of customers with that waiting time.

c) Which interval would a wait time of 5:00 minutes fall into?

5-6

d) About how many customers had to wait less than two minutes?

32 customers

$$\begin{array}{r} 1 \\ 25 \\ +\ 7 \\ \hline 32 \end{array}$$

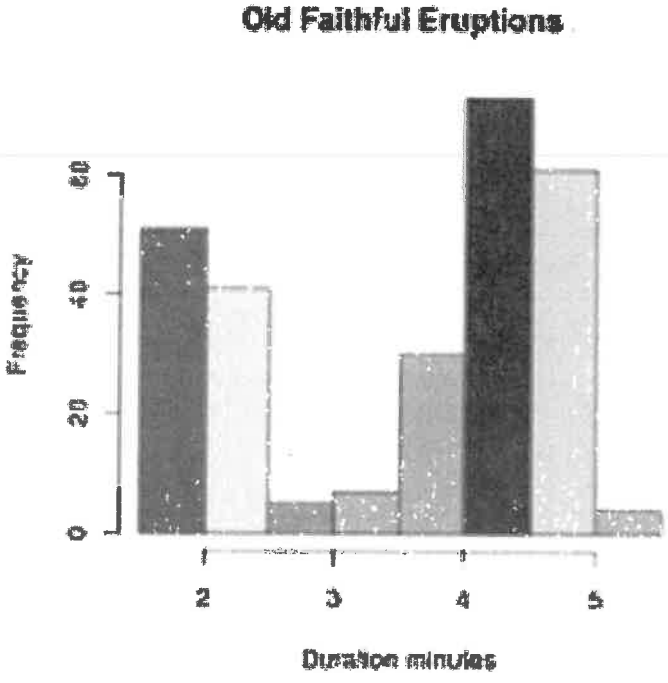
e) About how many customers had to wait at least four minutes?

customers

f) If you called AT&T right now, how many minutes would you expect to have to wait?

15 – 20 mins

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

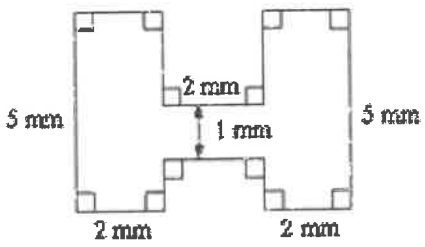
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



Name: Tiffany

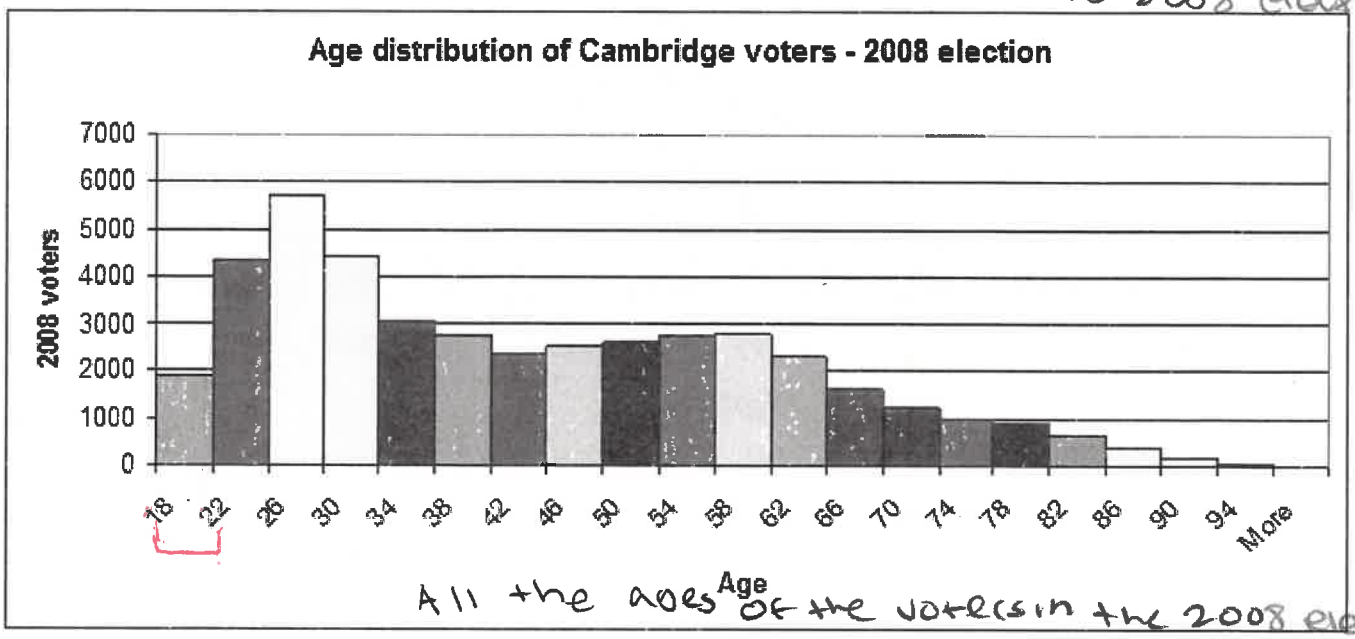
Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)

The ages of voters in the 2008 elections



All the ages of the voters in the 2008 elections

1) What's the first range you see on this histogram?

The first range I see is 18-22

2) What ages are represented in the 78-82 interval?

Ages 78 through ages 81.

78, 79, 80, 81

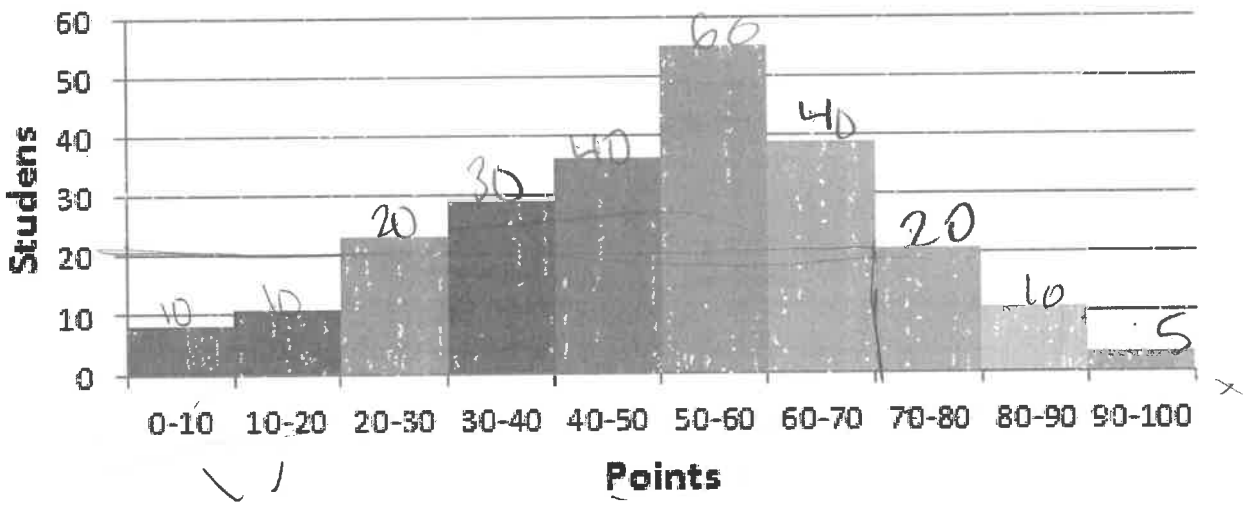
3) About how many voters were between 18-22 years old?

There were about 1,000 voters between ages 18-22.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



20+20+30+100+60+15

40+30=70+100=170+60

1) What does the x-axis of this histogram represent?

The Points the 9th graders got on the unit test

2) What does the y-axis of this histogram represent?

It represents the amount of 9th graders

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

5) About how many students scored between 70-80 on the space unit test?

20 students scored between

6) What was more common: a student scoring below 20 or a student scoring above 70?

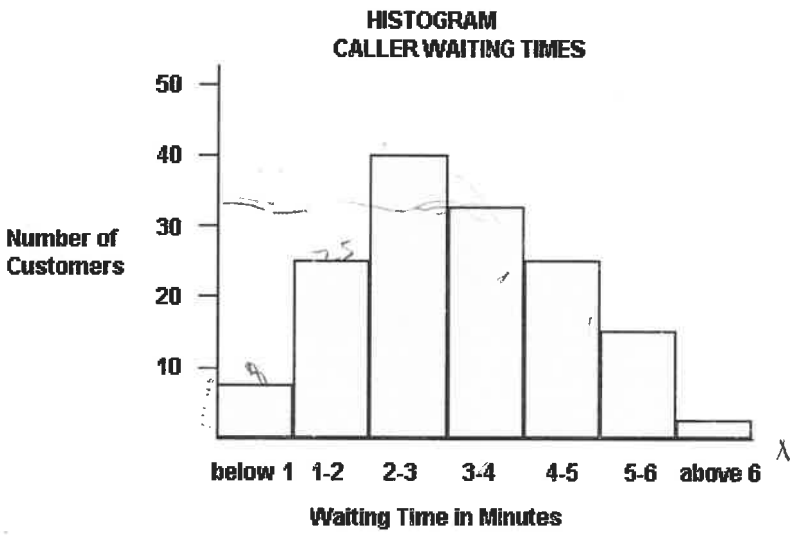
7) What did a typical 8th grade student score on this test?

Name: _____

Number: _____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? the amount of time the customers in wait.

b) What does the y-axis represent in this histogram? The number of customers.

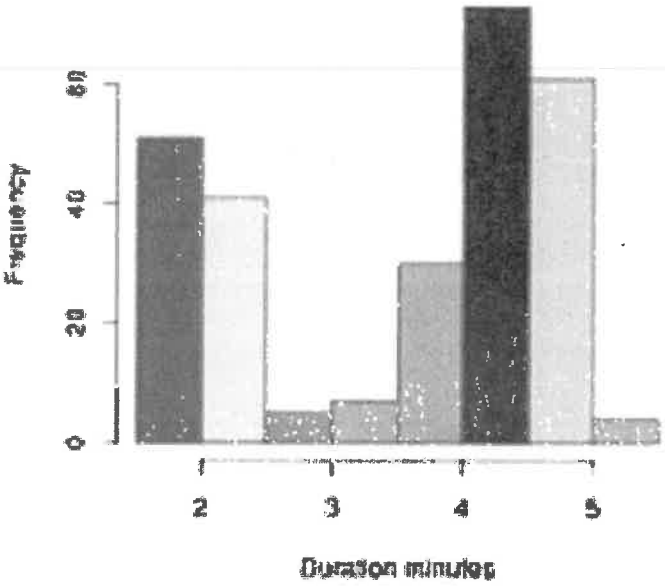
c) Which interval would a wait time of 5:00 minutes fall into? the interval 5-6

d) About how many customers had to wait less than two minutes? 25+8 About 30 customers

e) About how many customers had to wait at least four minutes? About 50 customers had to wait less than 4 minutes

f) If you called AT&T right now, how many minutes would you expect to have to wait? I would expect to wait more than 6 minutes.

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

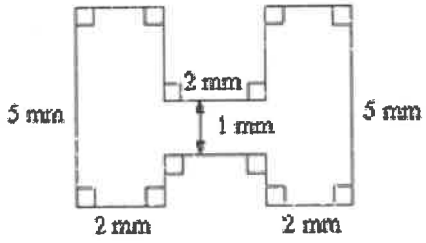
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



Name: Isaiah

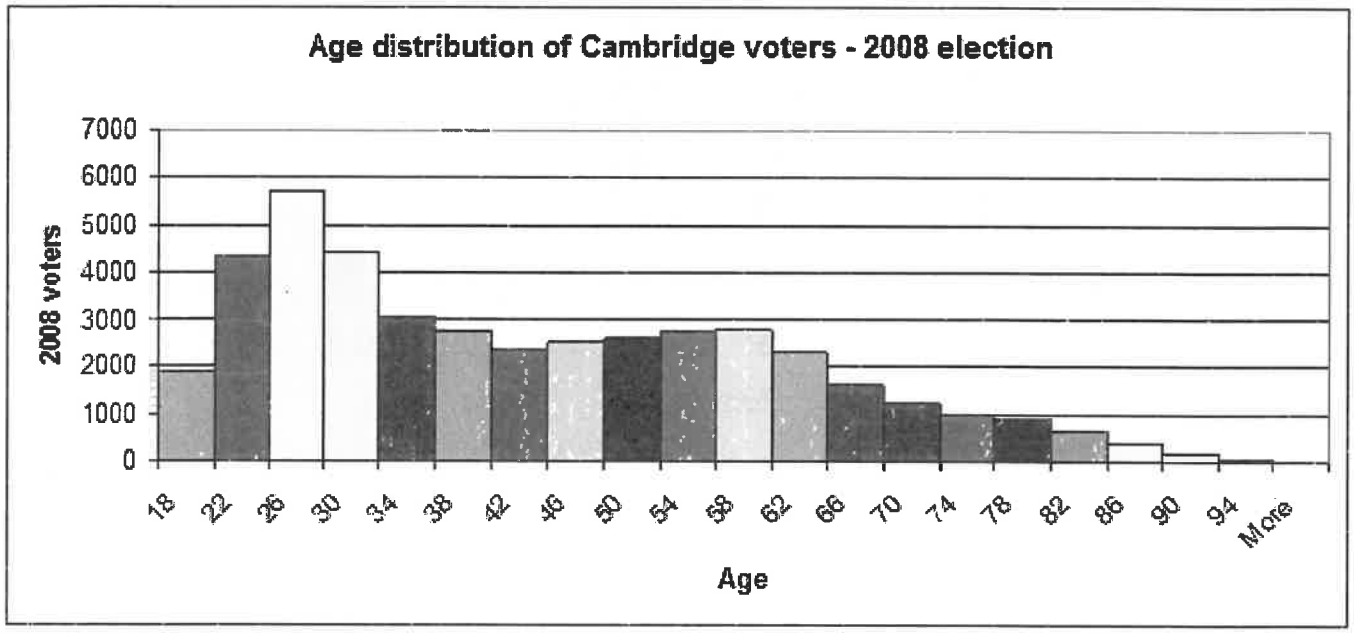
Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)

histogram of 2008 voters



1) What's the first range you see on this histogram?

The first range that I see is the 18-22. This includes 18, 19, 20, and 21.

2) What ages are represented in the 78-82 interval?

Possible ages are 78, 79, 80, and 81.

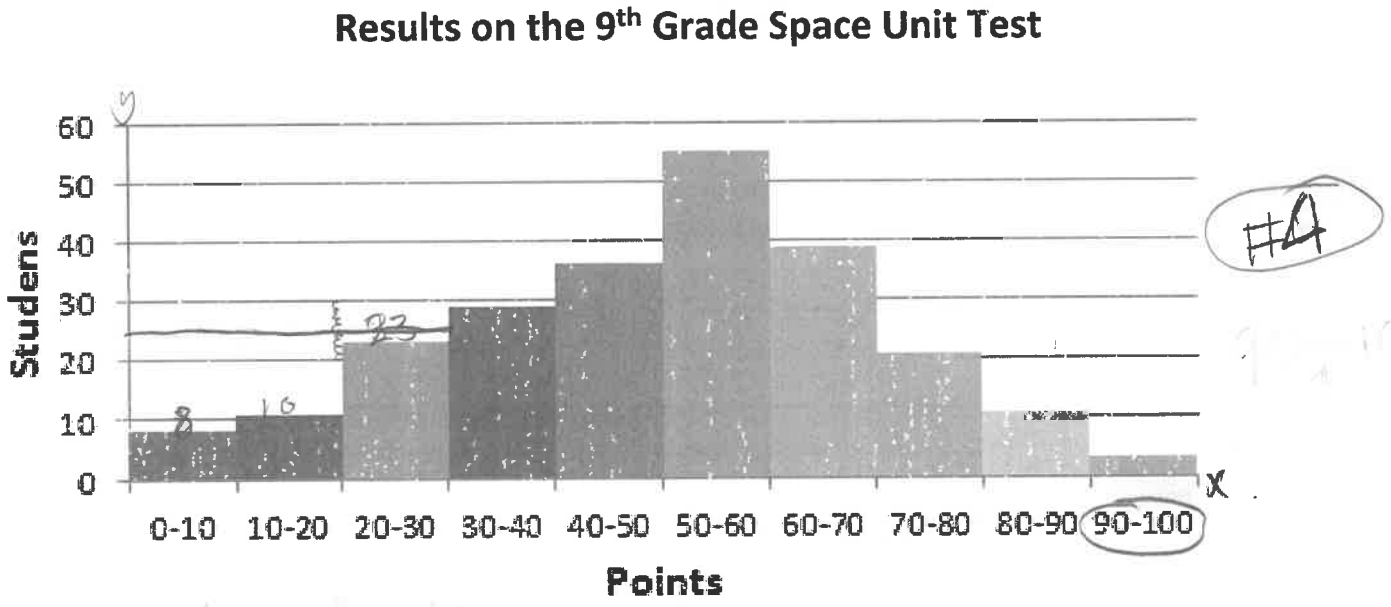
3) About how many voters were between 18-22 years old?

I think there were 1,900 voters between the ages of 18 to 22 years old.

Part 2:

histogram of 9th graders space test

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



#4

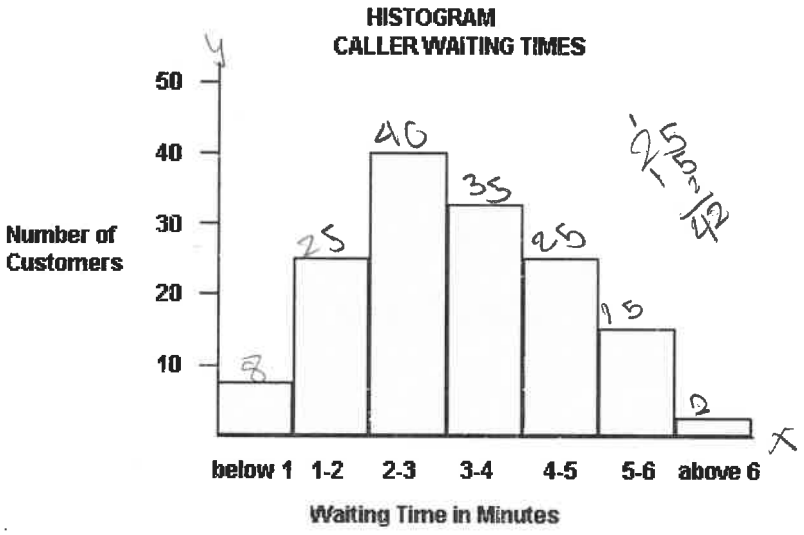
1) What does the x-axis of this histogram represent?
   the x-axis represents the points.
2) What does the y-axis of this histogram represent?
   the y-axis is the students.
3) Which interval would a score of 80 fall into?
   the interval would be 80-90.
4) About how many total students took the space unit test?
   total students took the space test b/c the
5) About how many students scored between 70-80 on the space unit test?
6) What was more common: a student scoring below 20 or a student scoring above 70?
7) What did a typical 8th grade student score on this test?

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?

b) What does the y-axis represent in this histogram?

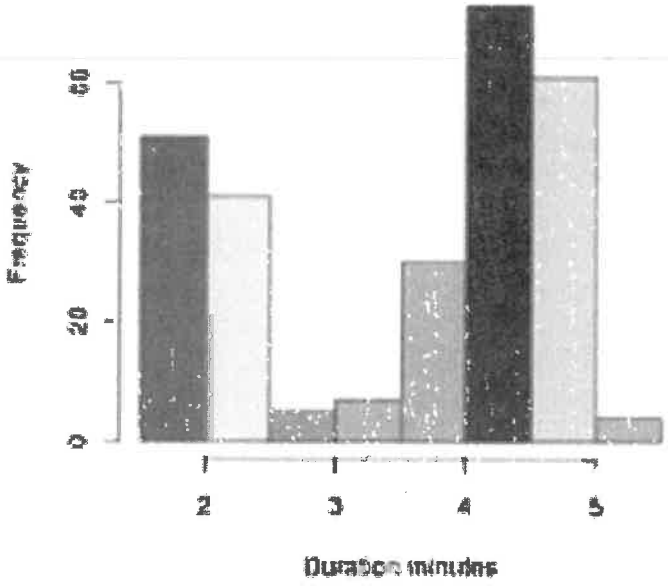
c) Which interval would a wait time of 5:00 minutes fall into?

d) About how many customers had to wait less than two minutes?

e) About how many customers had to wait at least four minutes?

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

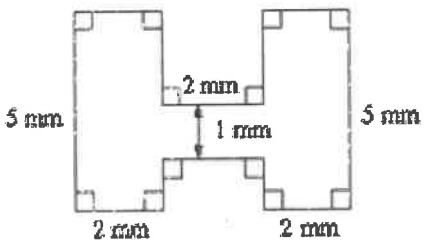
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



Name: Joelle

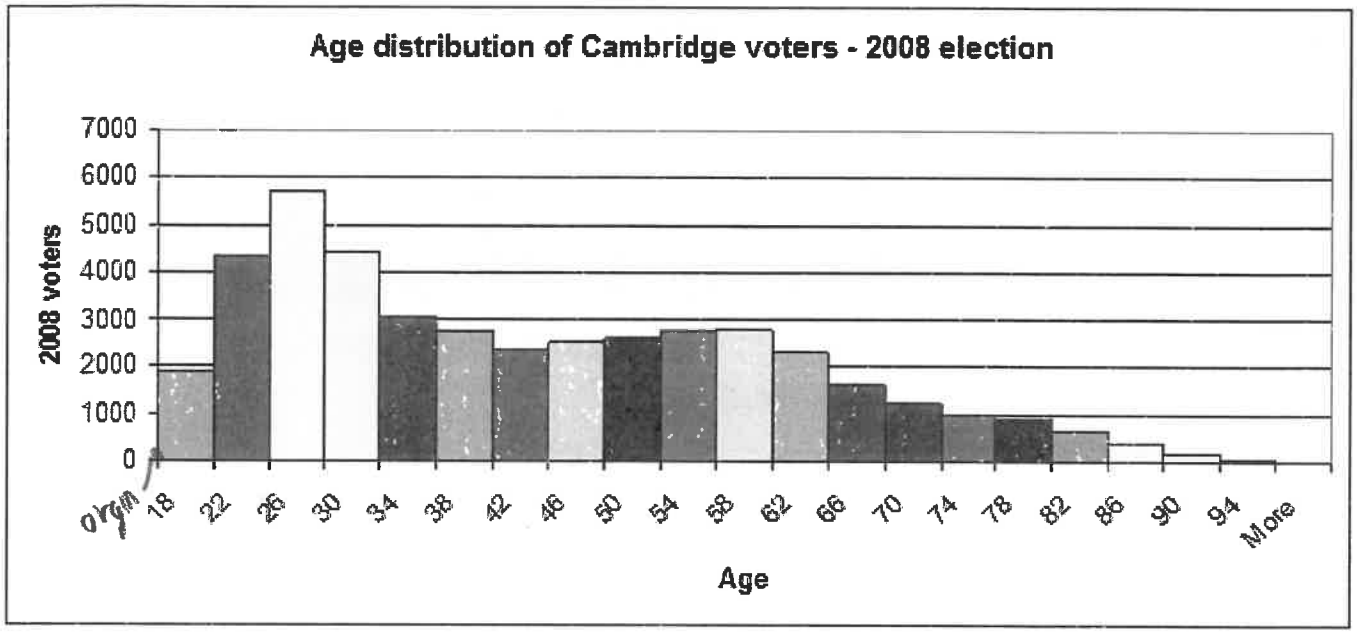
Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)

what the histogram is about below



1) What's the first range you see on this histogram?

The first range I see is 18-22

2) What ages are represented in the 78-82 interval?

The ages are represented is 78-81

3) About how many voters were between 18-22 years old?

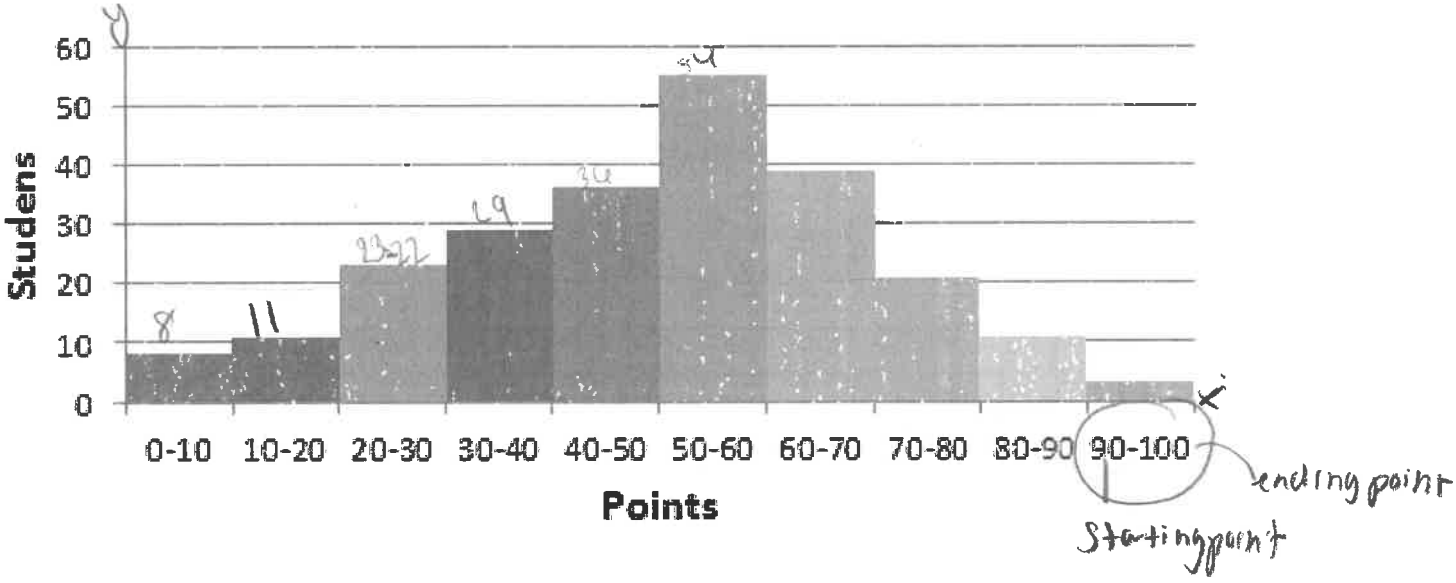
There were about 18-21 years old.

Part 2:

What the histogram represent

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1) What does the x-axis of this histogram represent?

X = Point

2) What does the y-axis of this histogram represent?

Studens

3) Which interval would a score of 80 fall into?

80 - 90

4) About how many total students took the space unit test?

about 60 students

5) About how many students scored between 70-80 on the space unit test?

6) What was more common: a student scoring below 20 or a student scoring above 70?

7) What did a typical 8th grade student score on this test?

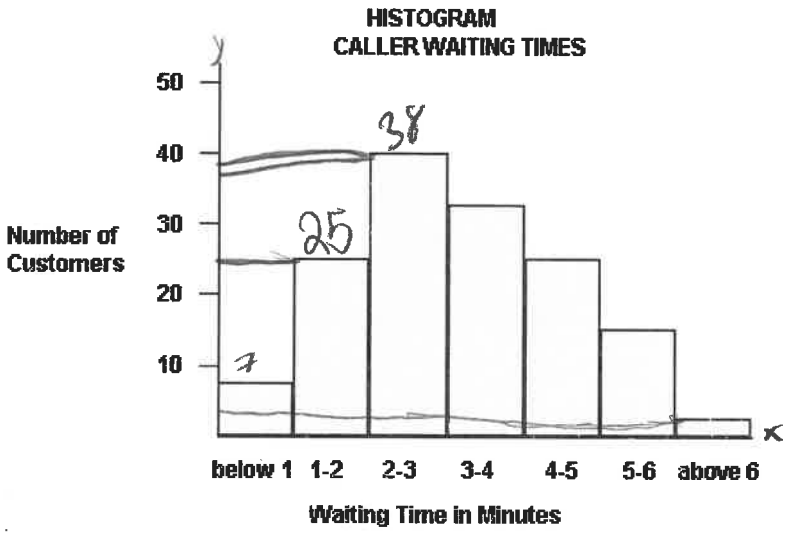
Name: Julie

Number: _____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.

How many times callers had to wait on the phone



a) What does the x-axis represent in this histogram? waiting time

b) What does the y-axis represent in this histogram? number of customers

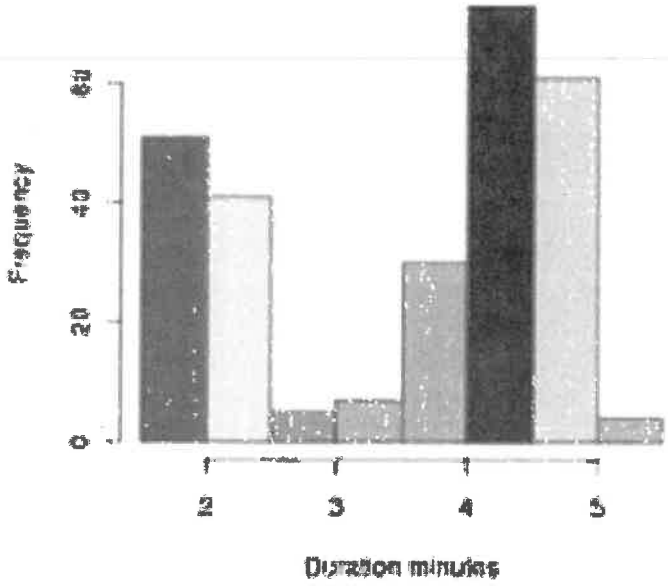
c) Which interval would a wait time of 5:00 minutes fall into? 5-6

d) About how many customers had to wait less than two minutes? about 32 customers

e) About how many customers had to wait at least four minutes? about 70 customers

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

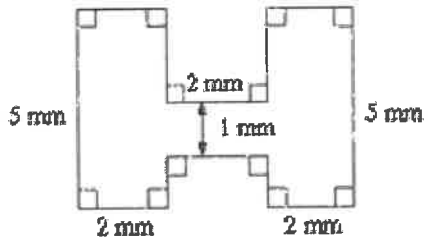
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



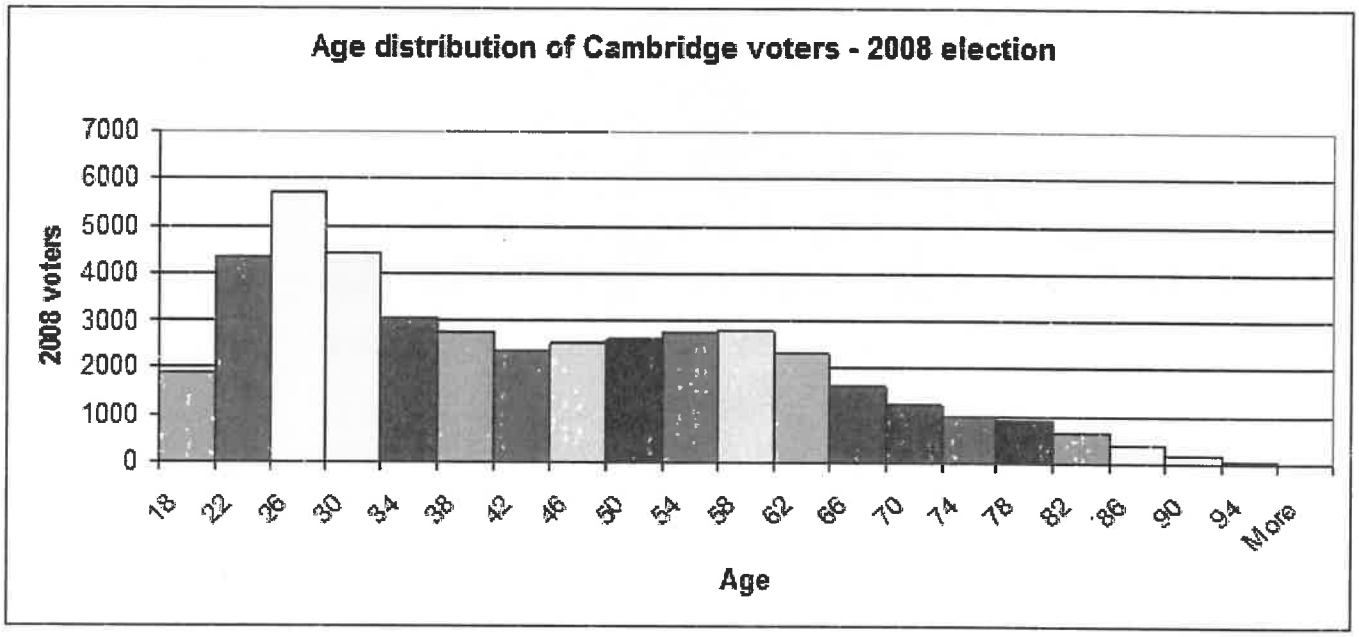
Name: Jaylon

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22

2) What ages are represented in the 78-82 interval?

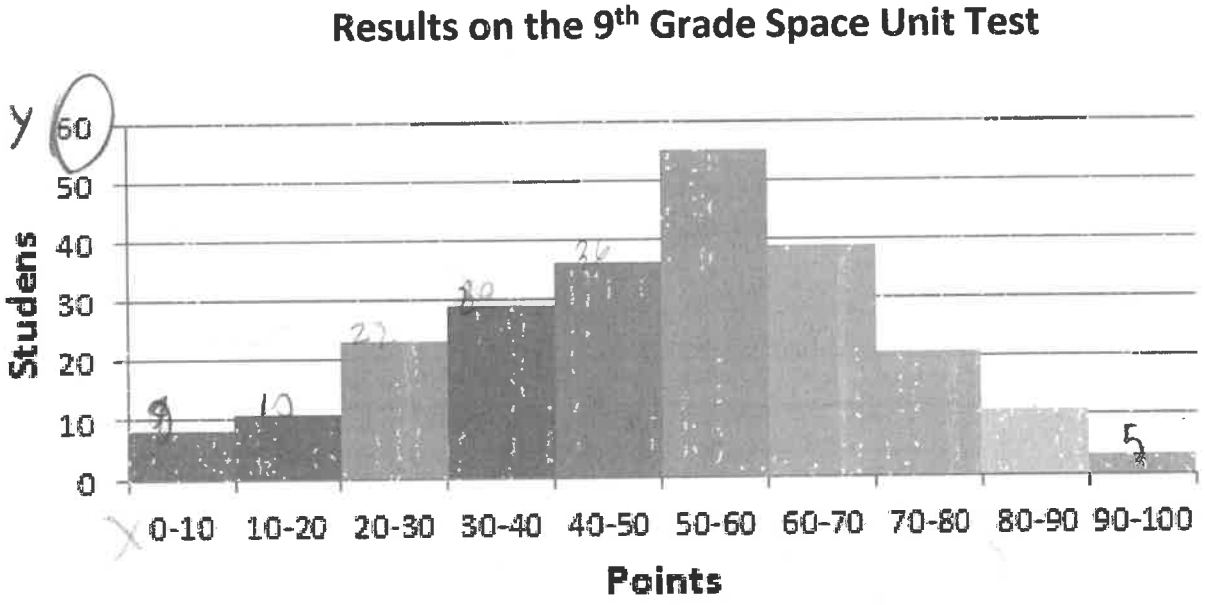
The ages are 78 to 81 years

3) About how many voters were between 18-22 years old?

Only 18 voters to 21 yrs

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below. shows the 9th graders getting



1) What does the x-axis of this histogram represent?
points

2) What does the y-axis of this histogram represent?
students

3) Which interval would a score of 80 fall into?
80-90

4) About how many total students took the space unit test?
around 150 students

5) About how many students scored between 70-80 on the space unit test?
around 20 students

6) What was more common: a student scoring below 20 or a student scoring above 70?

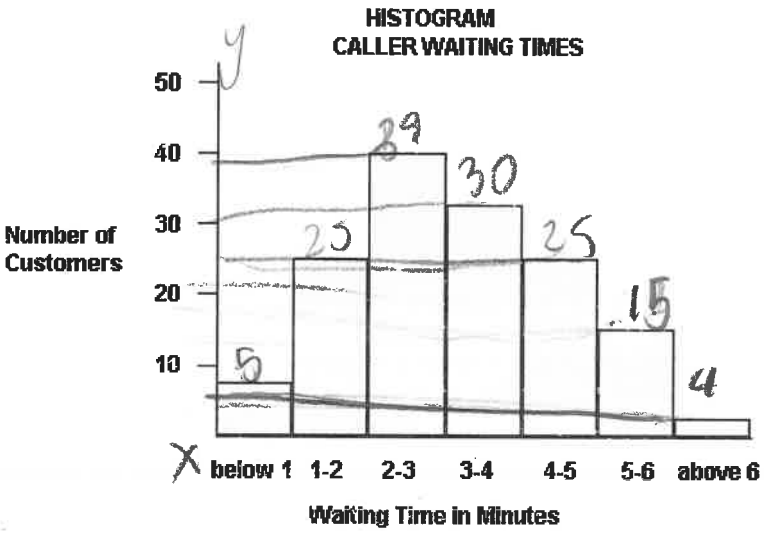
7) What did a typical 8th grade student score on this test?

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?
waiting time

b) What does the y-axis represent in this histogram? Number of customers

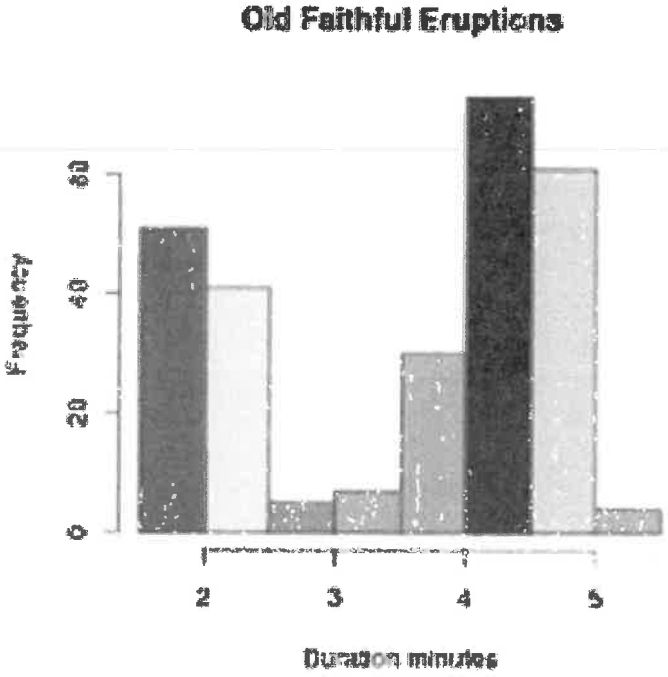
c) Which interval would a wait time of 5:00 minutes fall into? 5-6.

d) About how many customers had to wait less than two minutes?
about 5 customers

e) About how many customers had to wait at least four minutes?
about

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

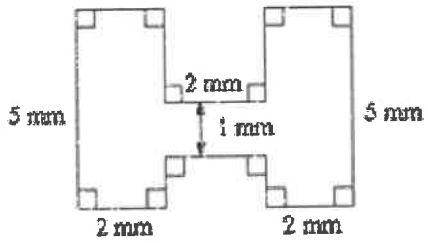
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



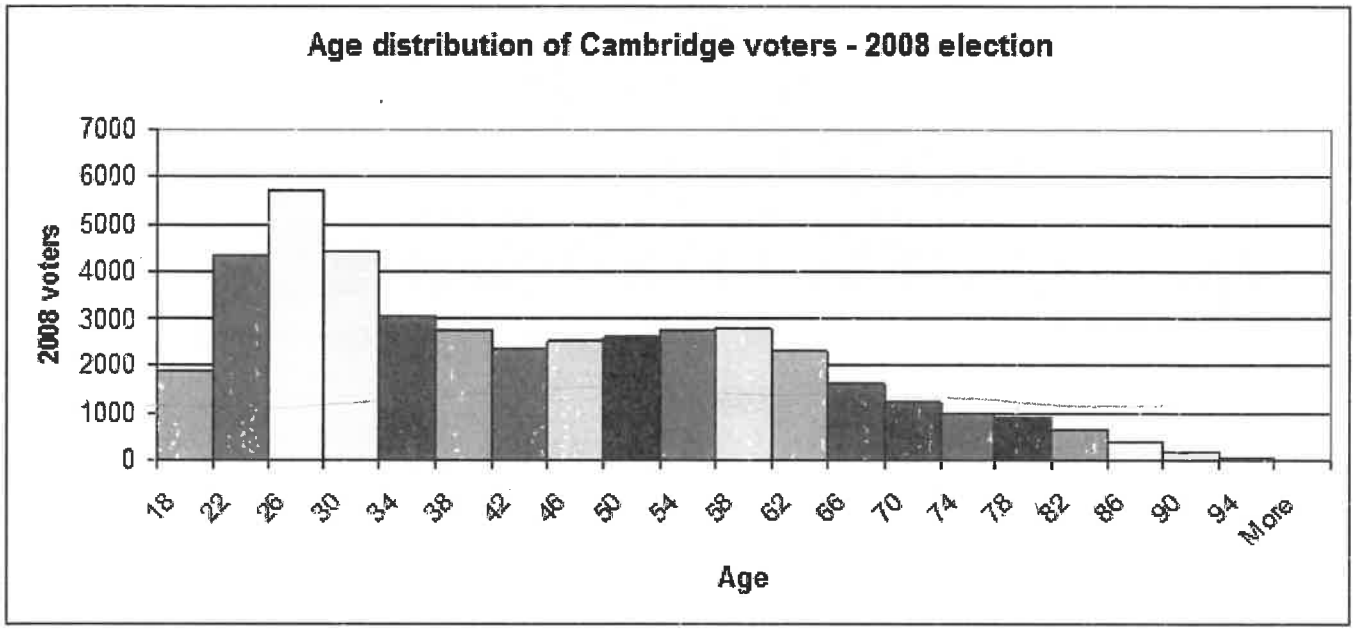
Name: Sarah

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22

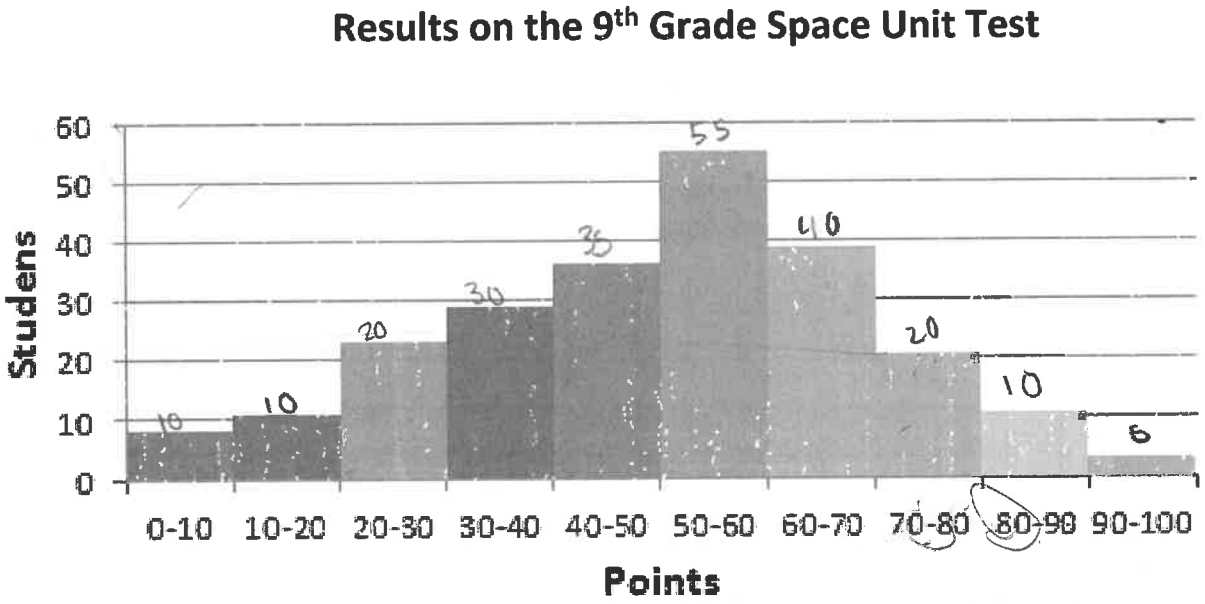
2) What ages are represented in the 78-82 interval?

78-81

3) About how many voters were between 18-22 years old?

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



1) What does the x-axis of this histogram represent?

The Points the 9th graders got on their unit test

2) What does the y-axis of this histogram represent?

It represents the amount of 9th graders

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

5) About how many students scored between 70-80 on the space unit test?

20 students

6) What was more common: a student scoring below 20 or a student scoring above 70?

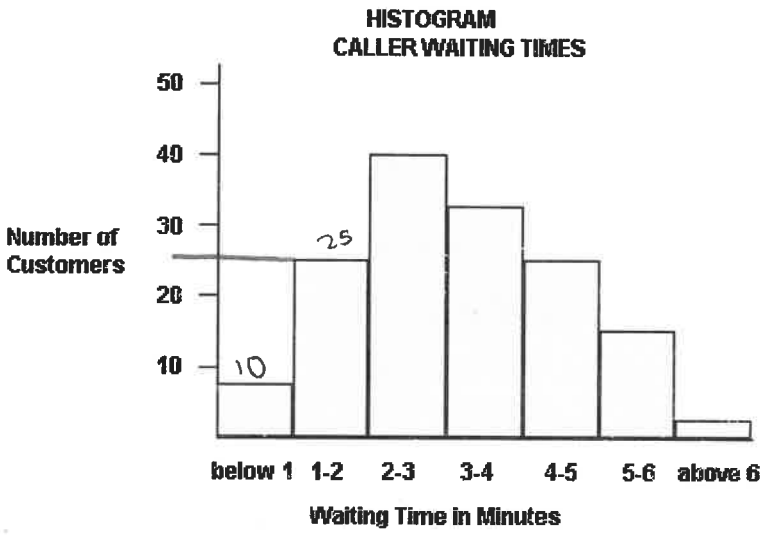
7) What did a typical 8th grade student score on this test?

Name: Saran

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? It represents the waiting time in minutes

b) What does the y-axis represent in this histogram? It represents the Number of Customers

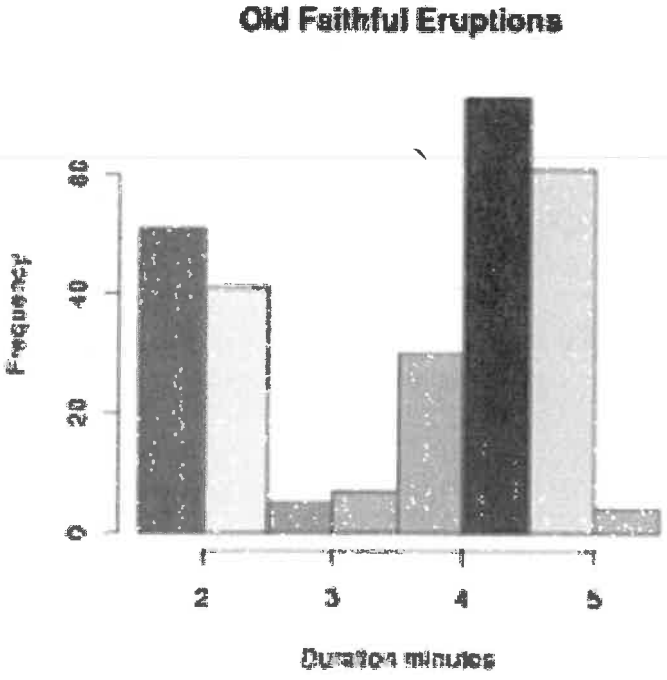
c) Which interval would a wait time of 5:00 minutes fall into?
The interval 5-6

d) About how many customers had to wait less than two minutes?
About 35 customers

e) About how many customers had to wait at least four minutes?
100 customers

f) If you called AT&T right now, how many minutes would you expect to have to wait? It would have to be above 60 minutes

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

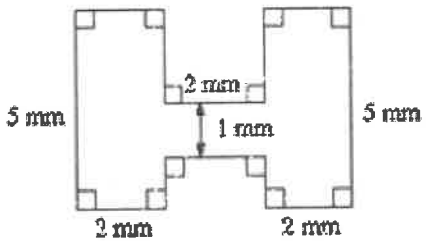
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



Name: Margaux

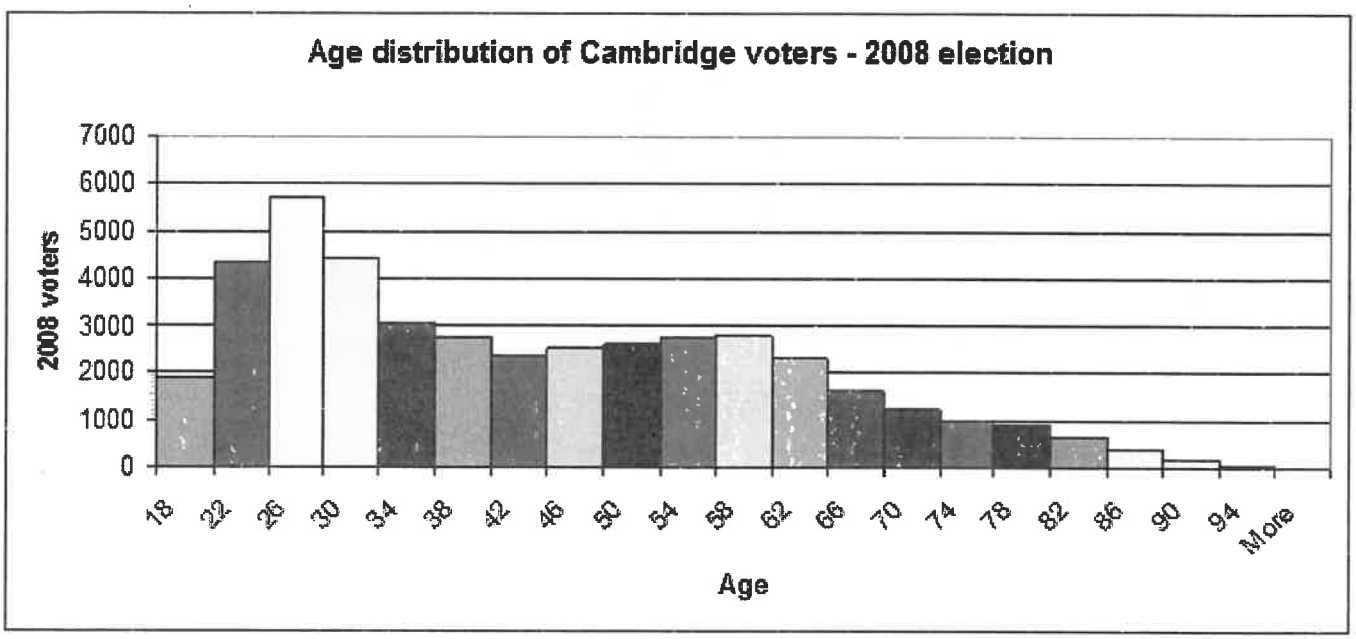
Number: _____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

range of ages of voters in Cambridge in 2008

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

The first range that I saw was 18-22 years old.

2) What ages are represented in the 78-82 interval?

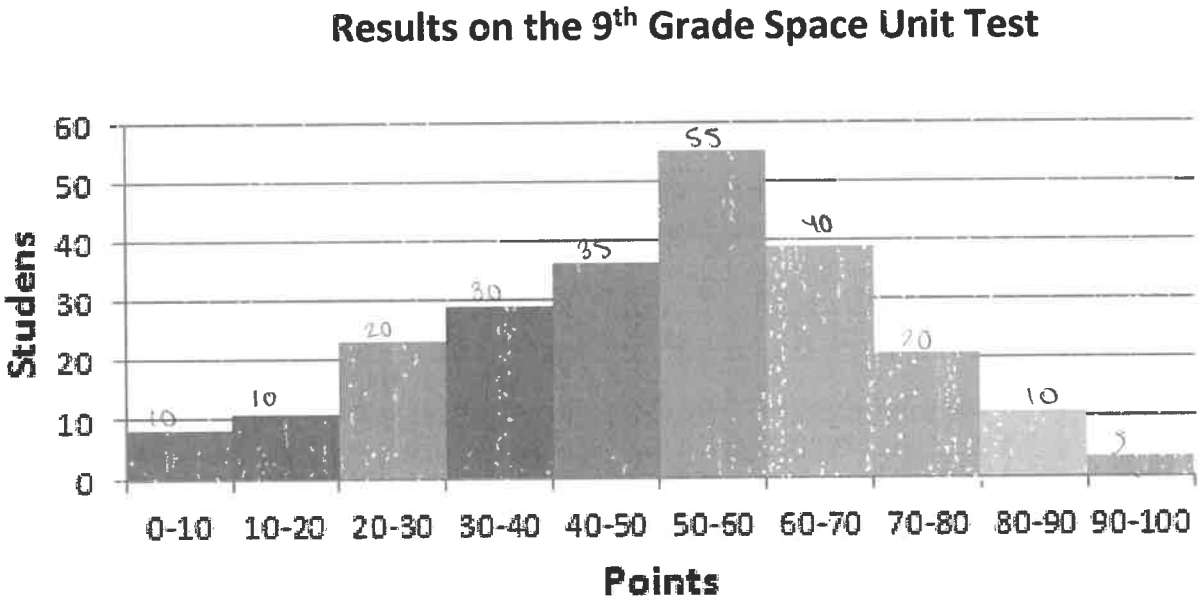
The range 78-82 represents the ages 18-81.

3) About how many voters were between 18-22 years old?

The number of voters between the ages of 18-22 years old in the 2008 election was around 2000 people.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



1) What does the x-axis of this histogram represent?
The range of points a 9th graders can get on their unit test.
2) What does the y-axis of this histogram represent?
The range of student that took the unit test.

3) Which interval would a score of 80 fall into?
80-90
4) About how many total students took the space unit test?
About 235 students took the test
5) About how many students scored between 70-80 on the space unit test?
About 20 students scored between 70-80
6) What was more common: a student scoring below 20 or a student scoring above 70?

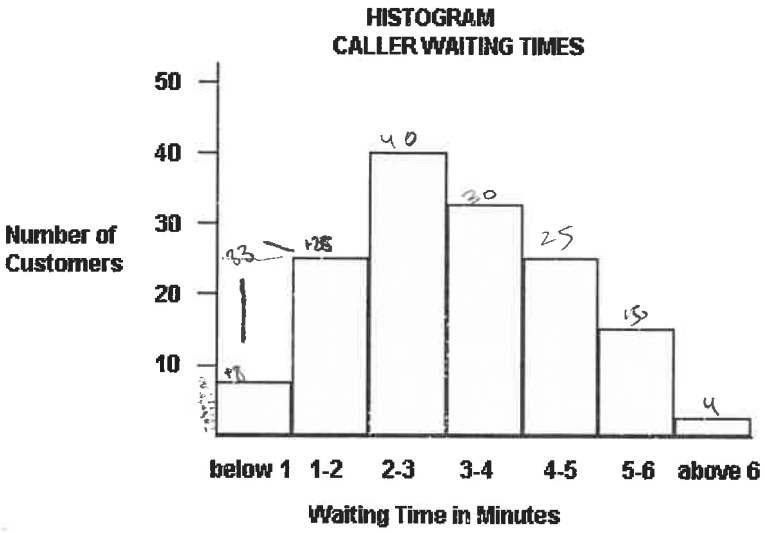
7) What did a typical 8th grade student score on this test?

Name: Maryama Hassan Ali

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? The x-axis represents how long customers waited in minutes.

b) What does the y-axis represent in this histogram? The y-axis represents the amount of customers.

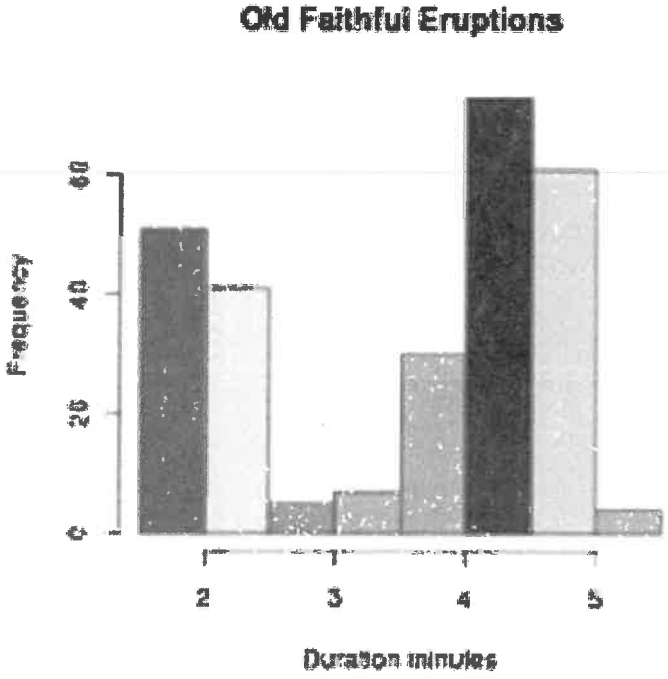
c) Which interval would a wait time of 5:00 minutes fall into? It would fall fall into the range of 5-6 minutes.

d) About how many customers had to wait less than two minutes? About 33 customers waited less than 2 minutes

e) About how many customers had to wait at least four minutes? About 44 people waited less than 4 minutes.

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

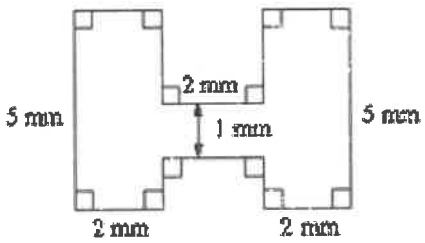
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



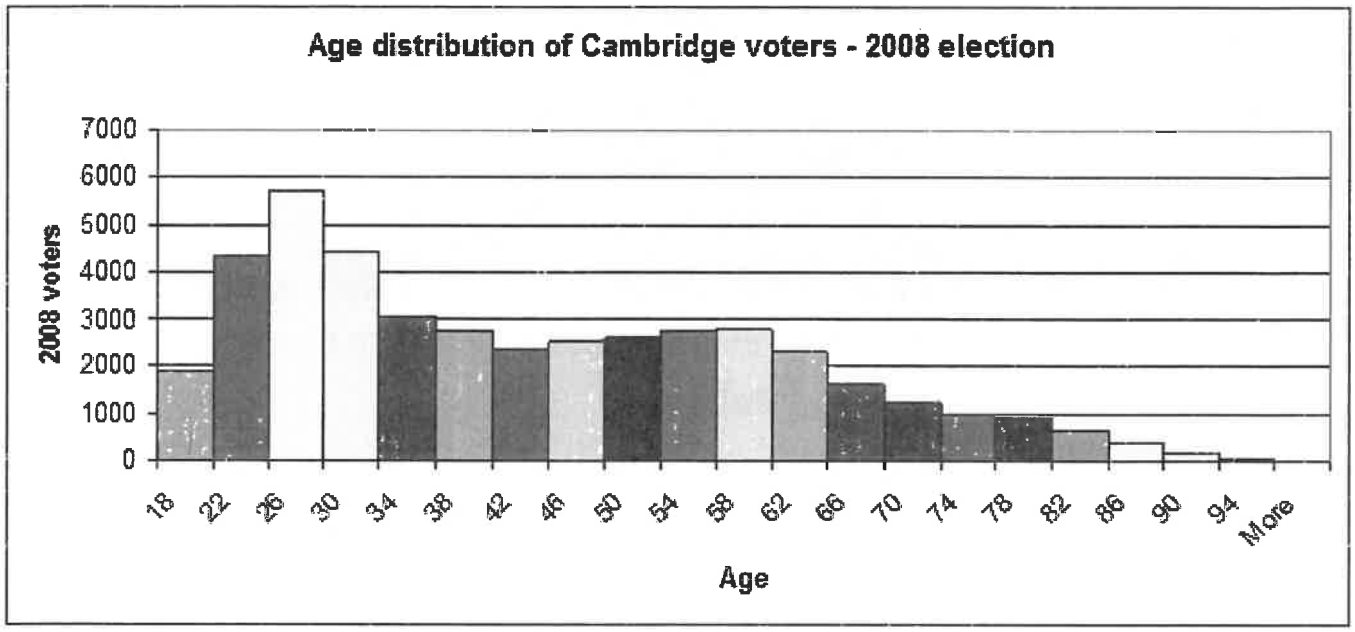
Name: Emma

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

The first range on the histogram is 18-22 since the numbers are on each line of the histogram.

2) What ages are represented in the 78-82 interval?

The numbers represented are 78, 79, 80, and 81 because 82 wouldn't be included, as it is the last number of the range.

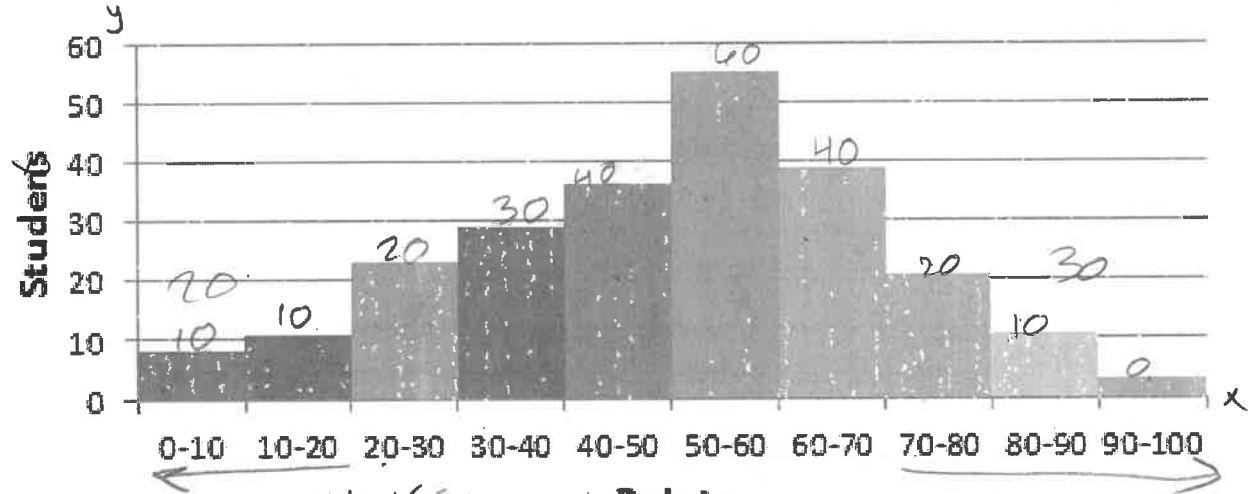
3) About how many voters were between 18-22 years old?

There are about 2,000 voters between 18 and 22 years old because the bar on the histogram for between the age of 18 and 22 is just barely not touching the 2,000 voters mark. You then round up to 2,000 to get about how much.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



10 + 10 + 20 + 30 + 40 + 60 + 40 + 20 + 10 + 0

20 + 50 + 100 + 60 + 10

70 + 160 + 10 = 240

21 + 11 + 3

32 + 3

35

1) What does the x-axis of this histogram represent?

Points

2) What does the y-axis of this histogram represent?

Students

3) Which interval would a score of 80 fall into?

80 - 90

4) About how many total students took the space unit test?

About 240 students

5) About how many students scored between 70-80 on the space unit test?

About 20 students

6) What was more common: a student scoring below 20 or a student scoring above 70?

Scoring above a 70

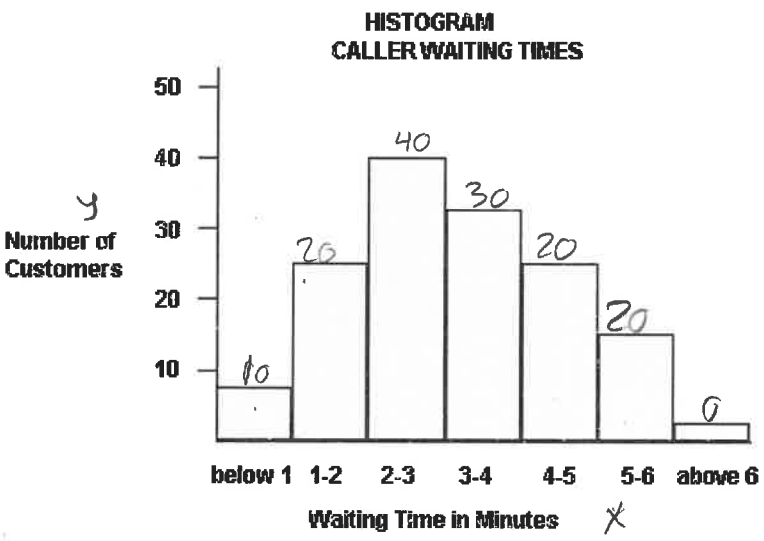
7) What did a typical 8th grade student score on this test?

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?
Waiting Time

b) What does the y-axis represent in this histogram?
Number of Customers

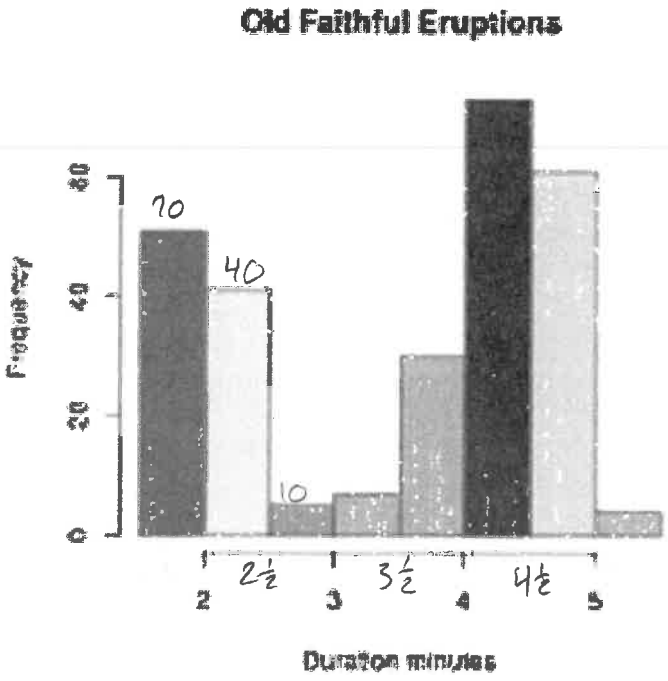
c) Which interval would a wait time of 5:00 minutes fall into?
5-6

d) About how many customers had to wait less than two minutes?
About 30

e) About how many customers had to wait at least four minutes?
About 40

f) If you called AT&T right now, how many minutes would you expect to have to wait?
2-3 minutes

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?
It means how long something lasts

b) What is the most common duration of eruptions?
4 – 4½ minutes

c) About how many times did the eruption last less than 3 minutes?
About 120 times

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?
I would say that they typically

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

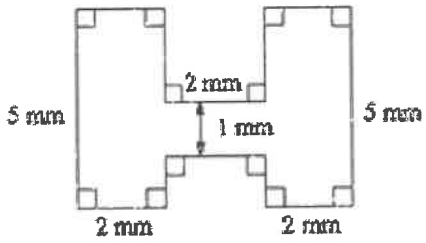
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



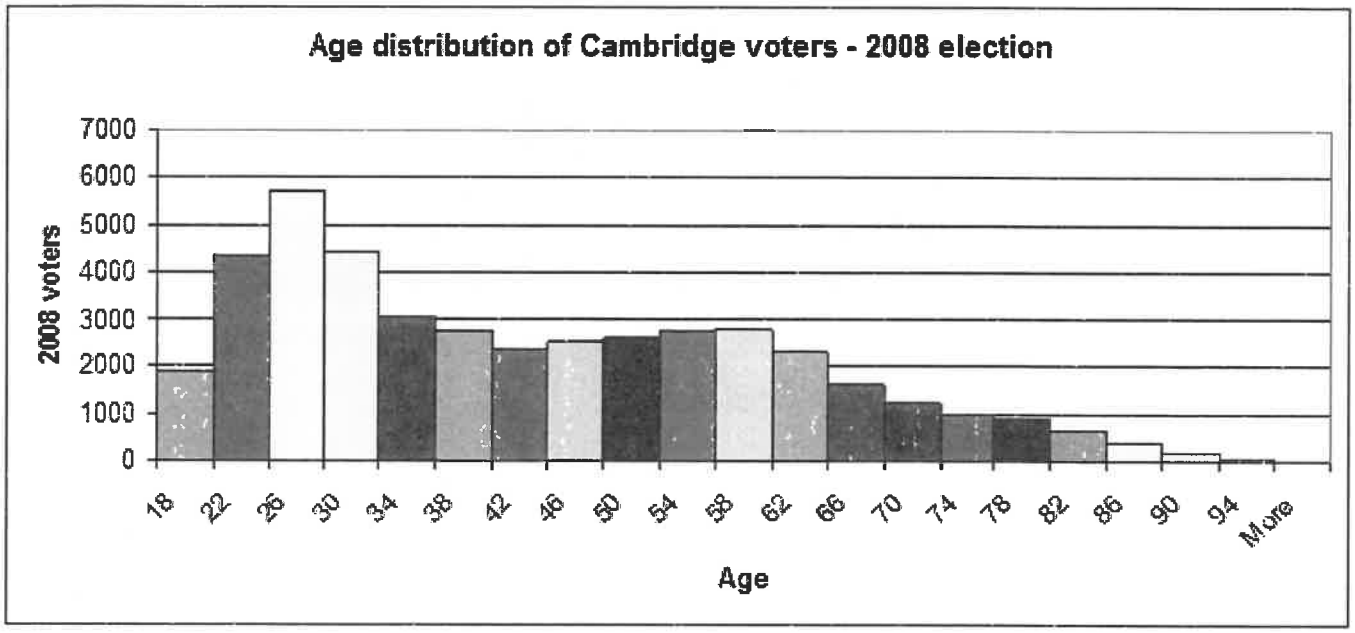
Name: Francis

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18 years old - 22 years old

2) What ages are represented in the 78-82 interval?

78, 79, 80, 81 it does not include 82 because were trying to find what is inbetween 78 and 82

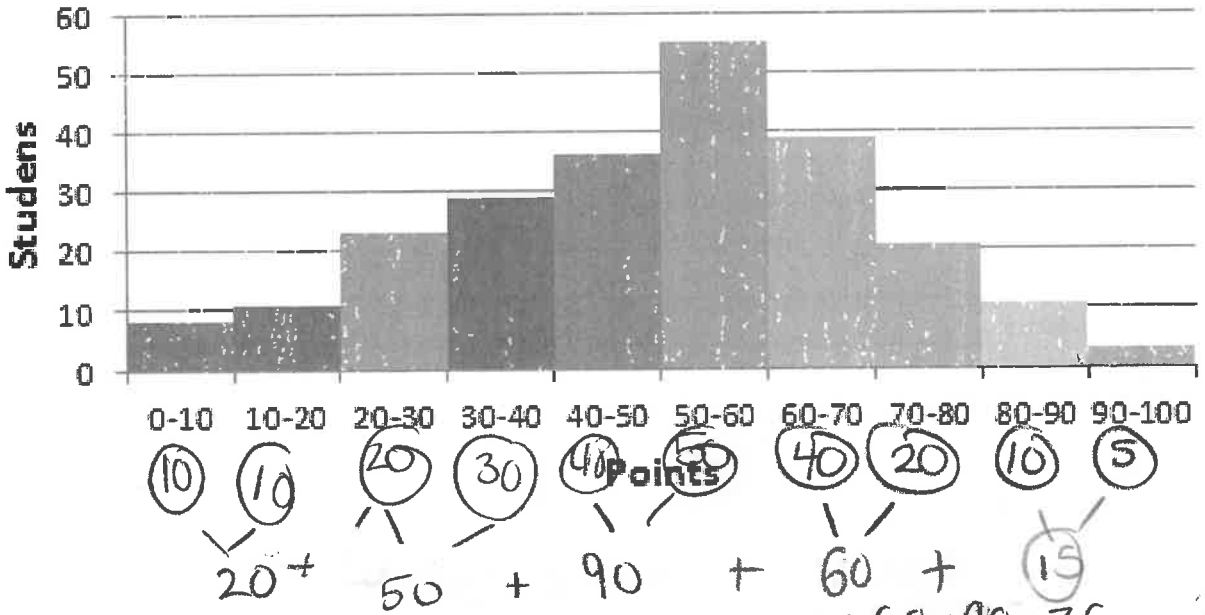
3) About how many voters were between 18-22 years old?

About 2000 voters were between 18 and 22.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1) What does the x-axis of this histogram represent?
It represents the point

2) What does the y-axis of this histogram represent?
The students

3) Which interval would a score of 80 fall into?
80-90

4) About how many total students took the space unit test?
About 235

5) About how many students scored between 70-80 on the space unit test?

6) What was more common: a student scoring below 20 or a student scoring above 70?

7) What did a typical 8th grade student score on this test?

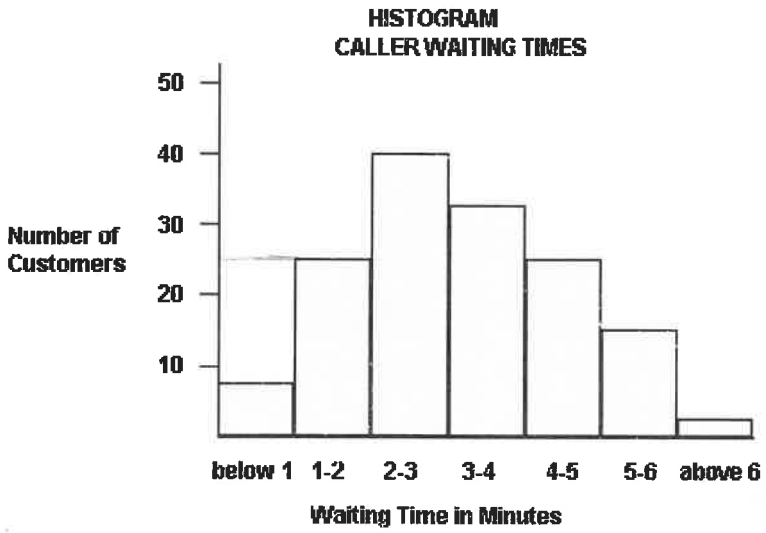
70+60+90+75
130+90+75
+130
+95
225

Name: Francis

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? Waiting time in minutes

b) What does the y-axis represent in this histogram? Number of customers

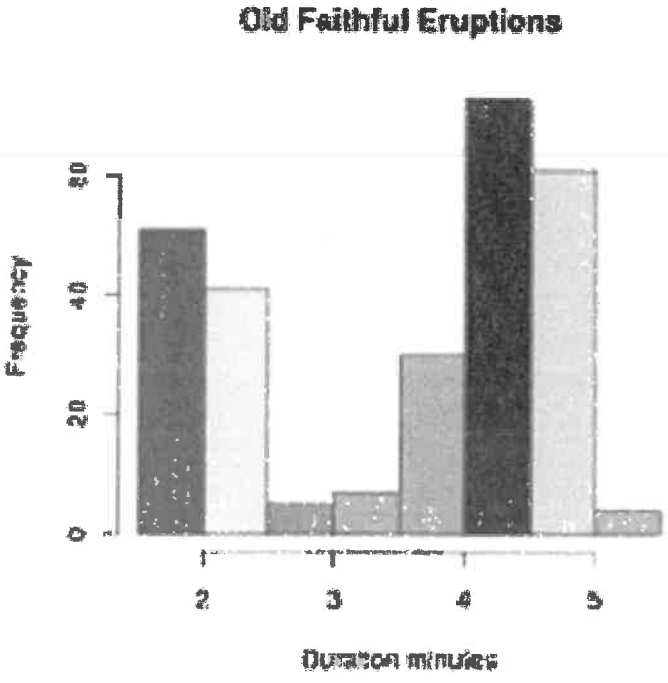
c) Which interval would a wait time of 5:00 minutes fall into? 5-6

d) About how many customers had to wait less than two minutes? About 30 customer

e) About how many customers had to wait at least four minutes? About 30 customers

f) If you called AT&T right now, how many minutes would you expect to have to wait? Around 2-3

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

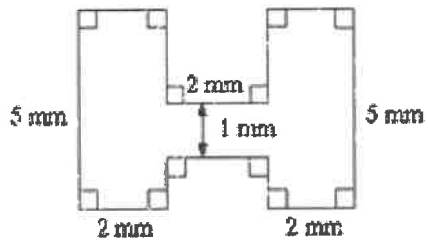
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



Name: Sanai

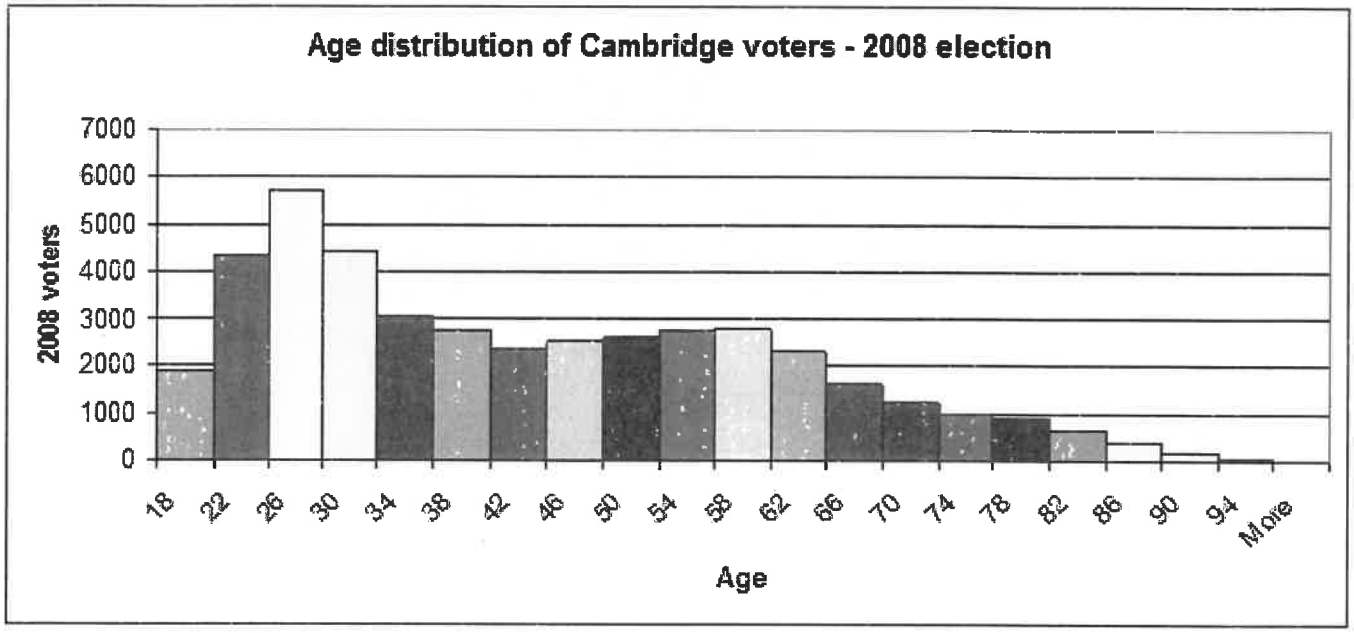
Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)

-shows ages of voters



1) What's the first range you see on this histogram?

18-22

2) What ages are represented in the 78-82 interval?

Any number greater than 78 and less than 82.

79, 80, 81

No 78 is not included because that is not

3) About how many voters were between 18-22 years old?

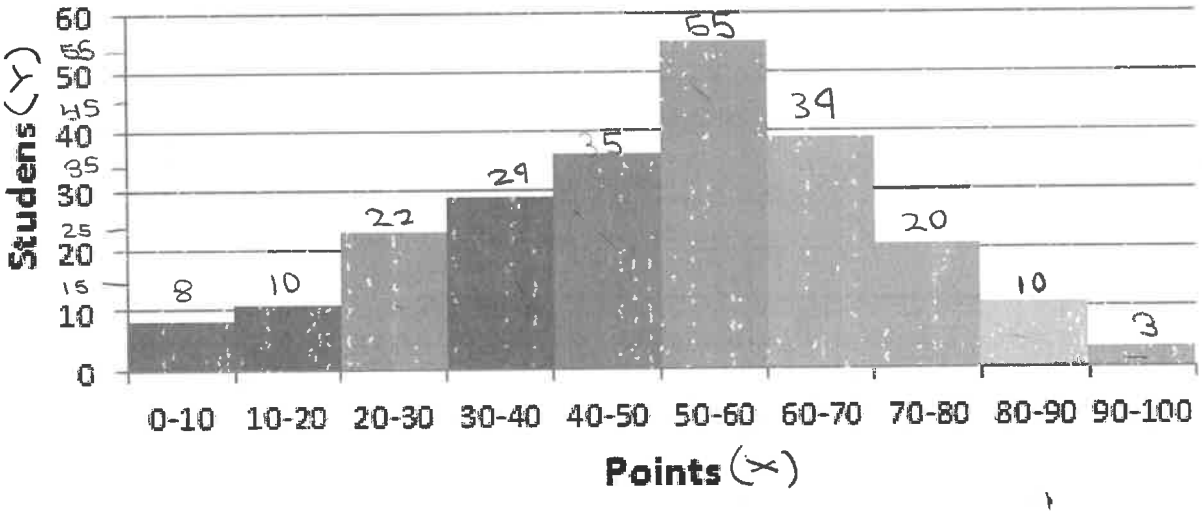
3 voters were in between 18-22 yearsold.

I said 3 voters and not 5 voters because we know that ranges have to be in between the 2 numbers that are given to us,

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1
55
+ 39
94

1) What does the x-axis of this histogram represent?

The amount of points.

2) What does the y-axis of this histogram represent?

The amount of students that took the space uni test.

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

5) About how many students scored between 70-80 on the space unit test?

6) What was more common: a student scoring below 20 or a student scoring above 70?

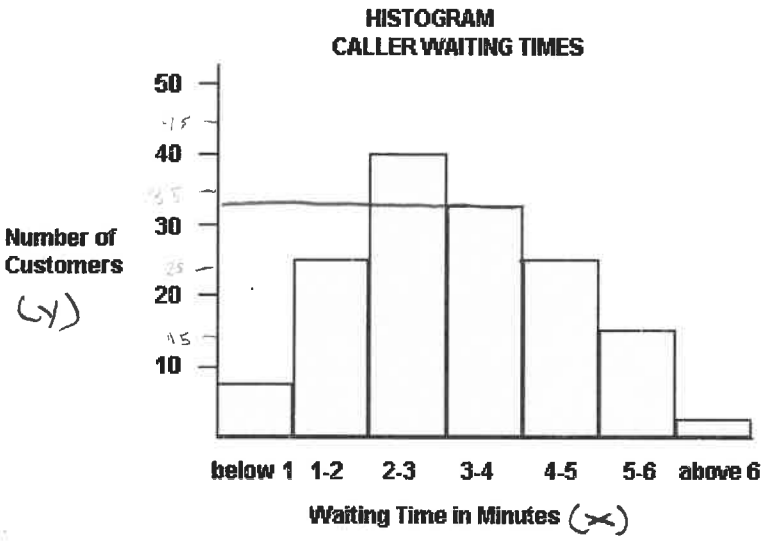
7) What did a typical 8th grade student score on this test?

Name: _____

Number: _____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?

waiting time in minutes

b) What does the y-axis represent in this histogram?

number of customers

c) Which interval would a wait time of 5:00 minutes fall into?

5–6

d) About how many customers had to wait less than two minutes?

25

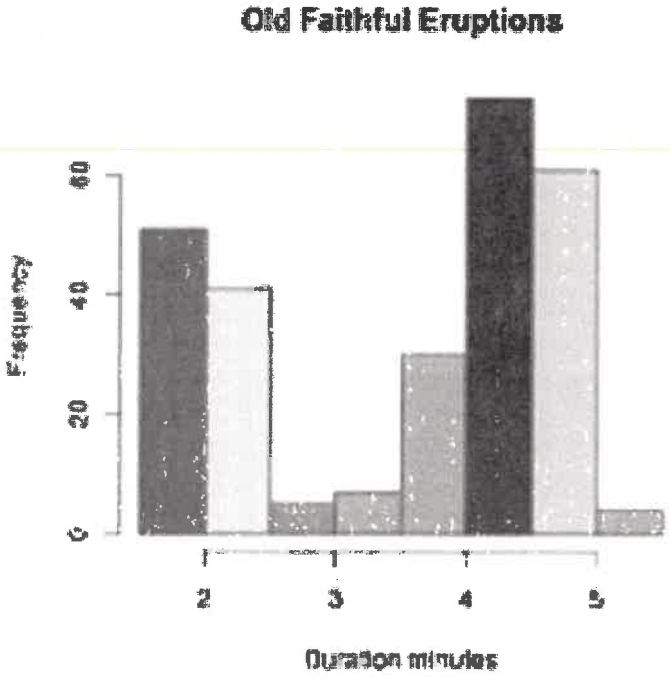
e) About how many customers had to wait at least four minutes?

35

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2 – 3

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

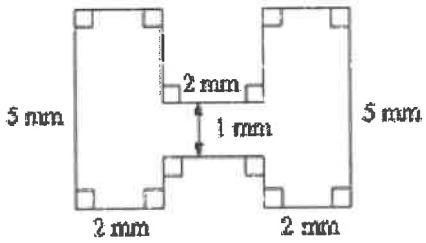
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



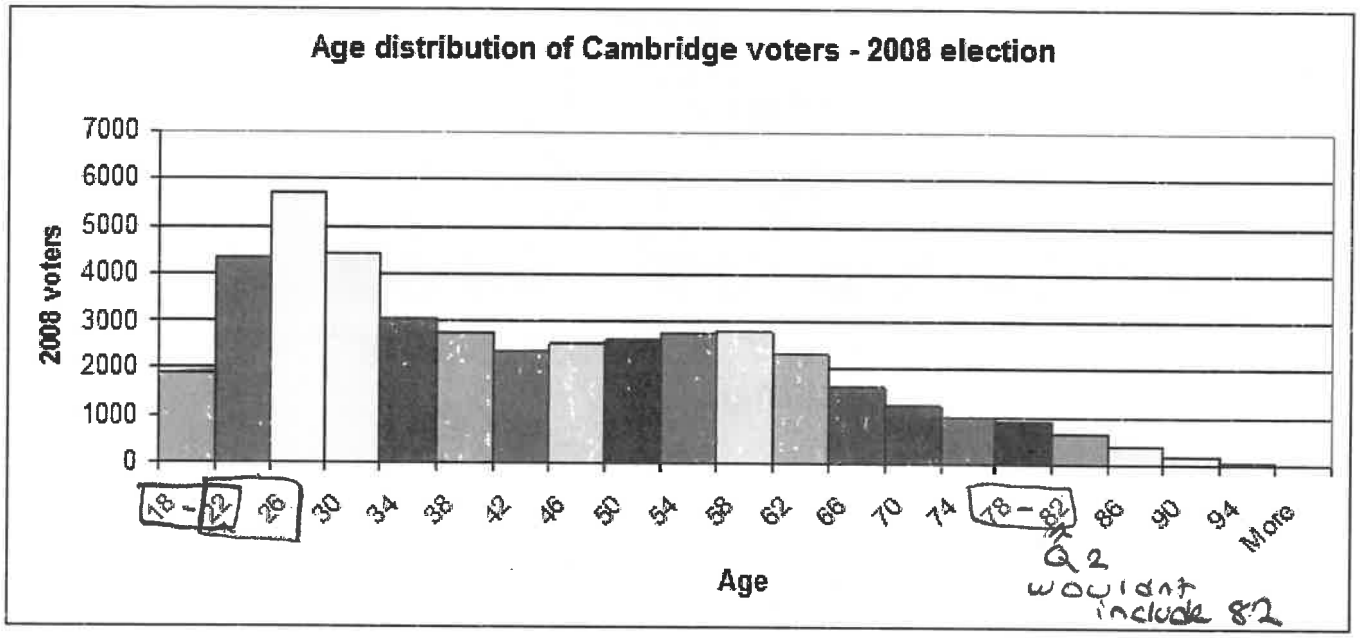
Name: Adanya

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22

2) What ages are represented in the 78-82 interval?

The ages that are represented in 78-82 are 78, 79, 80 and 81.

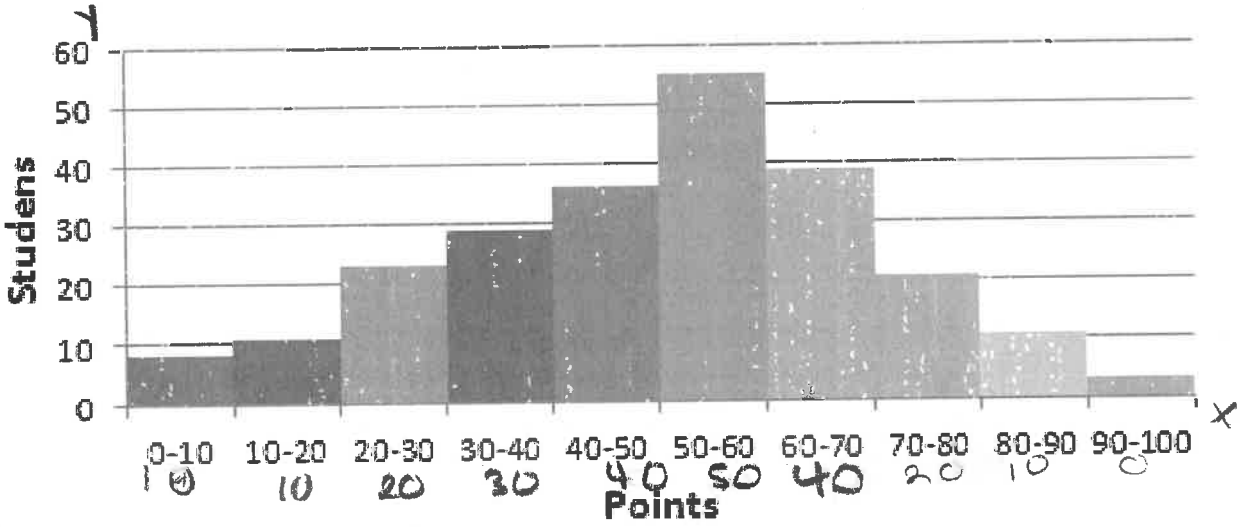
3) About how many voters were between 18-22 years old?

There are about 21 voters between the ages of 18-22.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



10 10 20 30 40 50 40 20 10 0

20 +20
40 +40 = 80

80 +30 +50 +40 +20 +10
110 +50
160 +40
200 +30 +10
240

1) What does the x-axis of this histogram represent?
Points

2) What does the y-axis of this histogram represent?
Student

3) Which interval would a score of 80 fall into?
80-90

4) About how many total students took the space unit test?
240 students

5) About how many students scored between 70-80 on the space unit test?
20

6) What was more common: a student scoring below 20 or a student scoring above 70?
Students scoring above 70

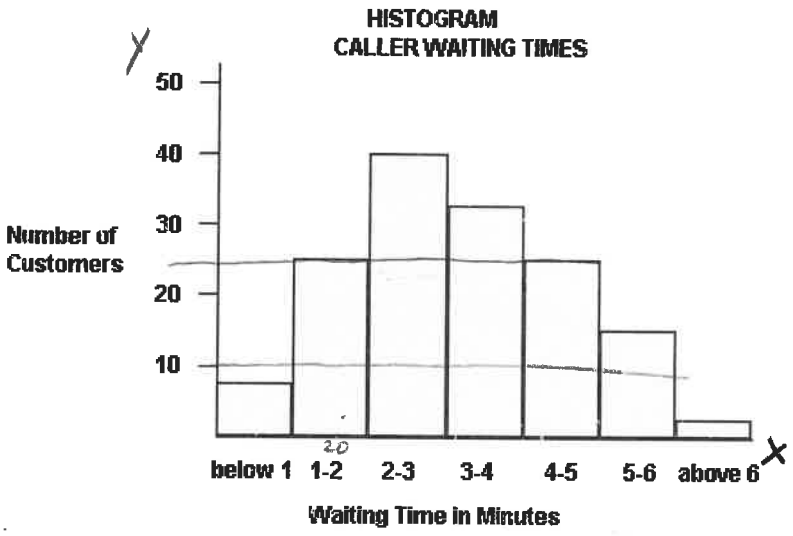
7) What did a typical 8th grade student score on this test?

Name: Adaya Ryans

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? How much time the customers waited in minutes

b) What does the y-axis represent in this histogram? The y axis represents the number of customers

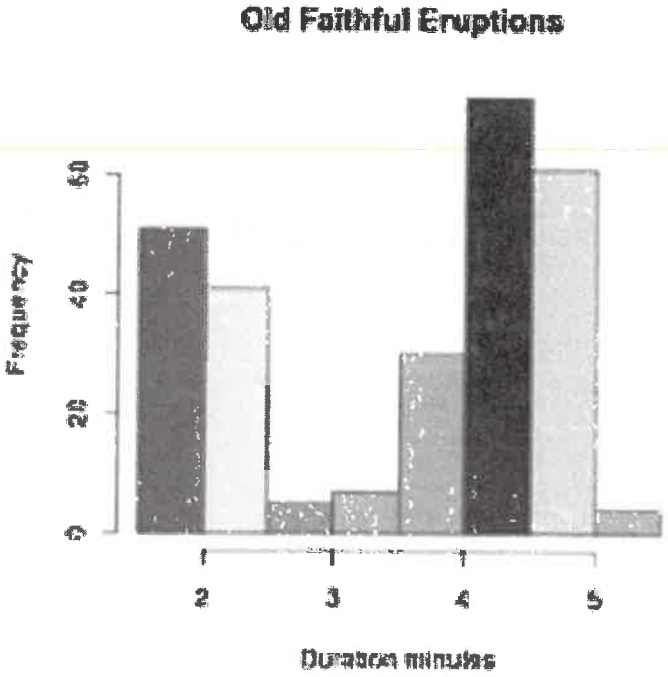
c) Which interval would a wait time of 5:00 minutes fall into?
5-6

d) About how many customers had to wait less than two minutes?
30

e) About how many customers had to wait at least four minutes?
30

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

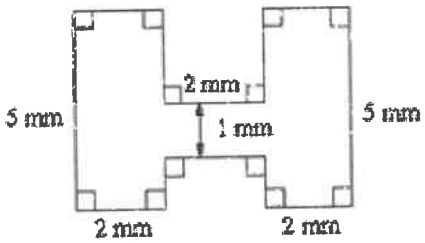
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.

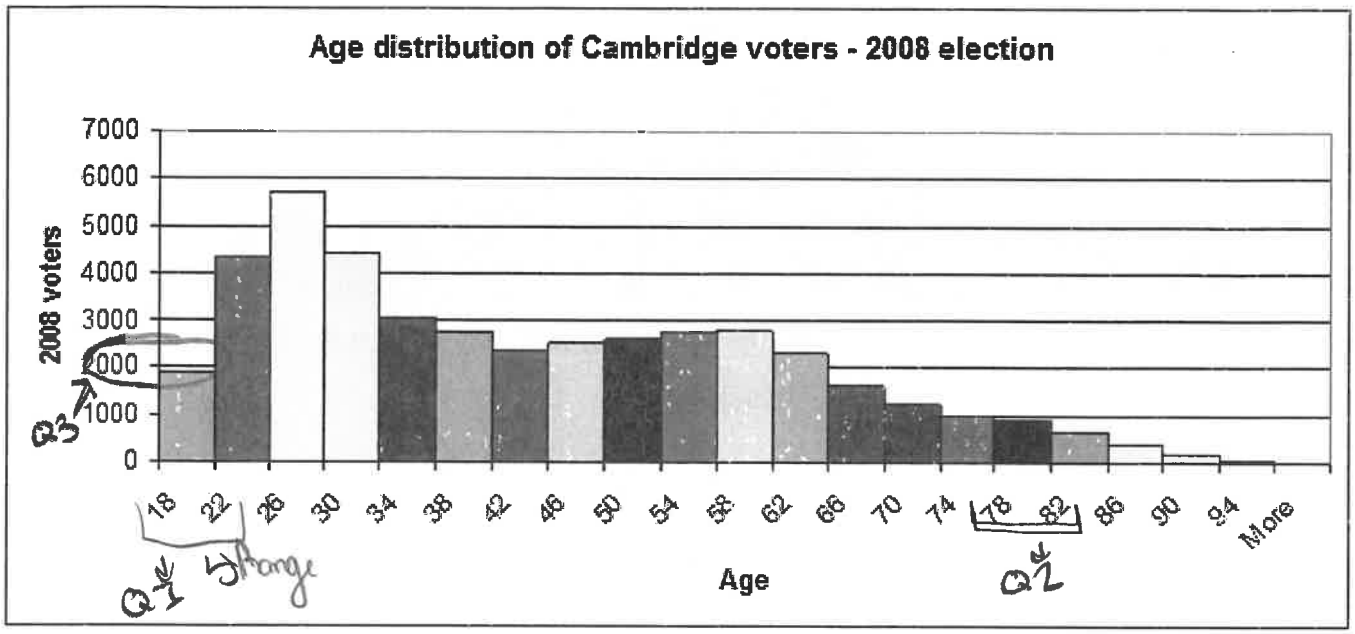


Name: Emely E 4/4/19 Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

The first range I see is 18-22 years of age.

2) What ages are represented in the 78-82 interval?

Ages 79, 80, and 81

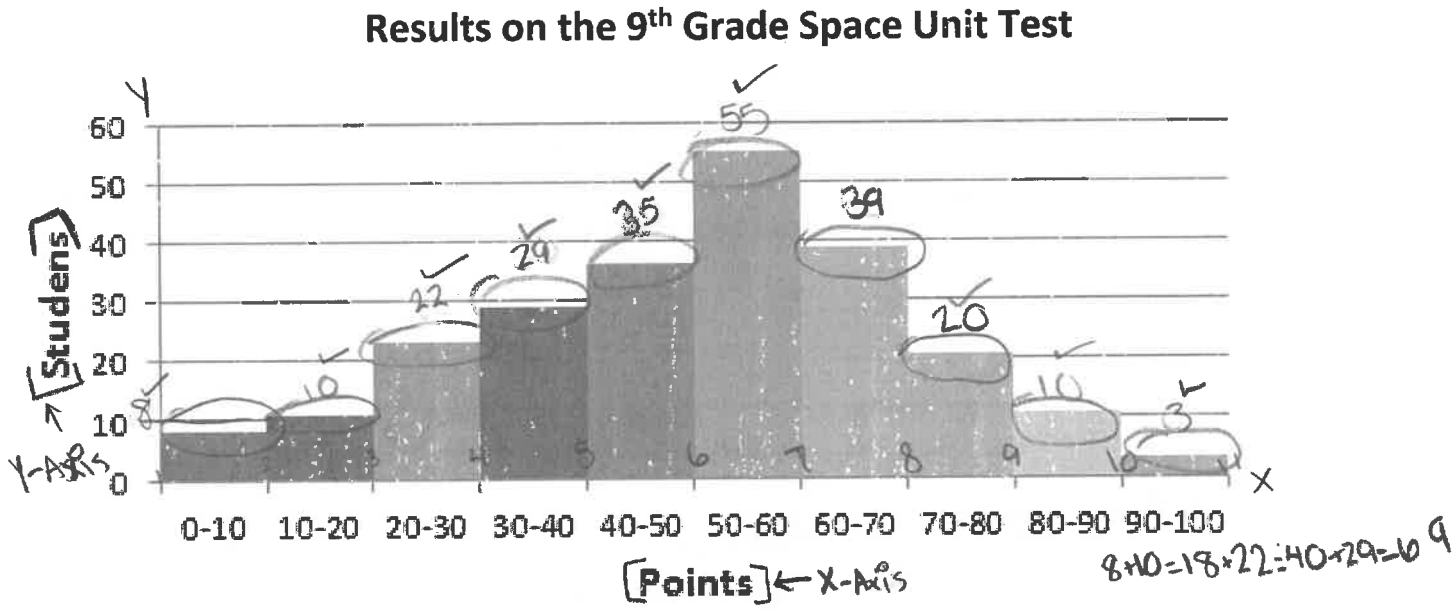
All numbers between 78 and 82

3) About how many voters were between 18-22 years old?

About 2000 voters were between 18-22 years old.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



1) What does the x-axis of this histogram represent?

The amount of points scored

2) What does the y-axis of this histogram represent?

The amount of students that took the test

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

8+10=18 69+35=104 169+3=172
18+22=40 104+55=159 172+20=192
40+29=109 159+10=169 192+39=241

5) About how many students scored between 70-80 on the space unit test?

6) What was more common: a student scoring below 20 or a student scoring above 70?

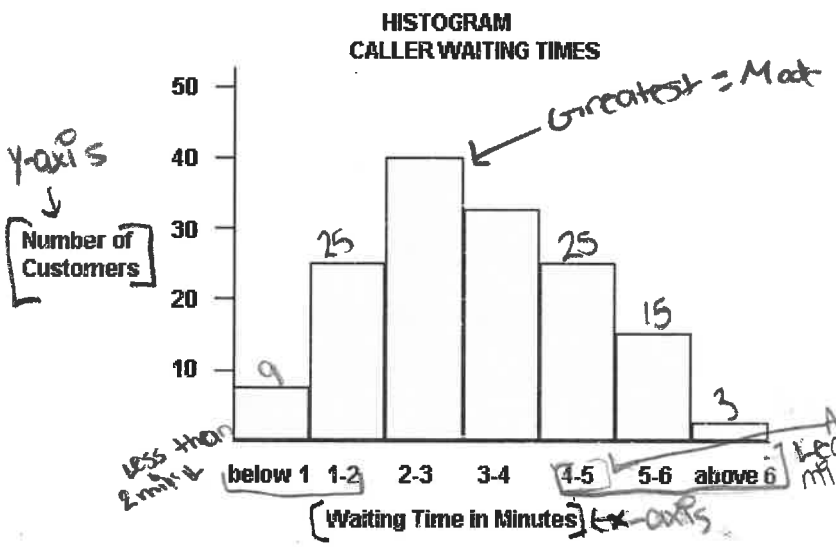
7) What did a typical 8th grade student score on this test?

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?

b) What does the y-axis represent in this histogram?

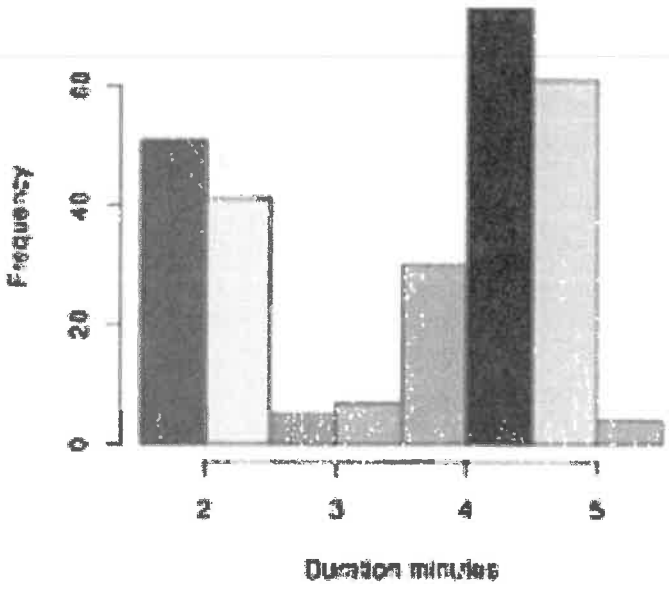
c) Which interval would a wait time of 5:00 minutes fall into?

d) About how many customers had to wait less than two minutes?

e) About how many customers had to wait at least four minutes?

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

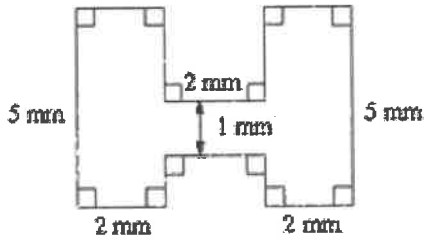
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



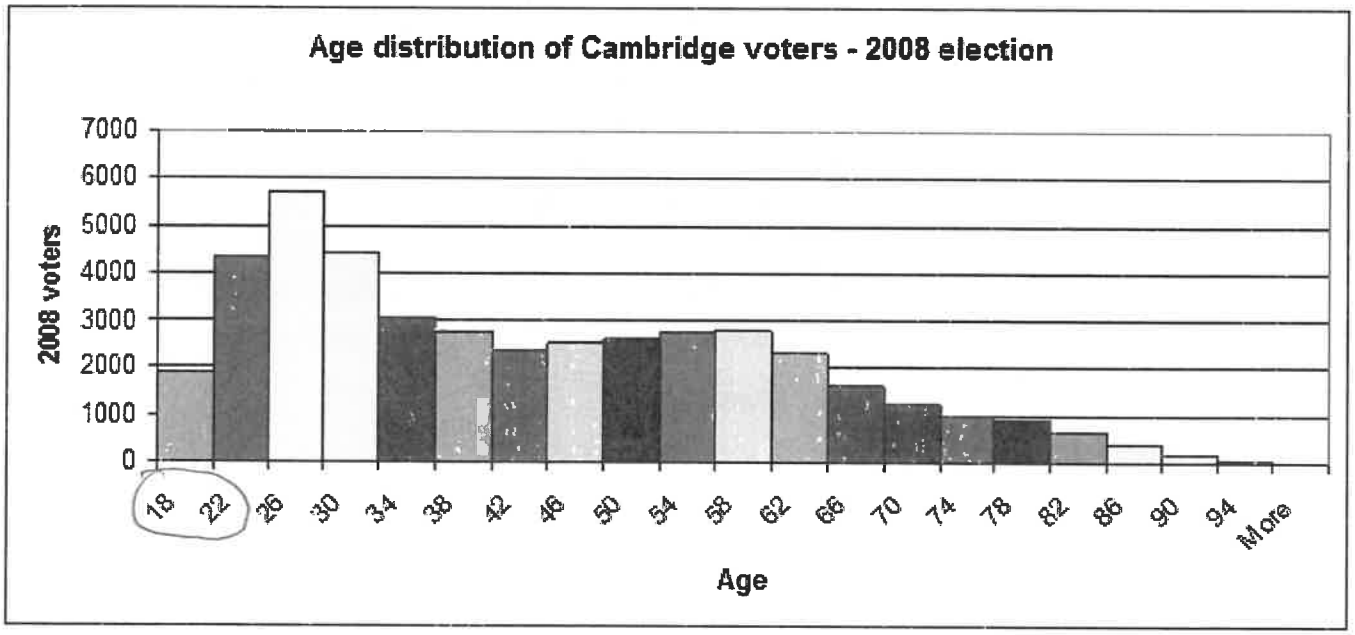
Name: Liam

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

The first range I see is 18 - 22.

2) What ages are represented in the 78-82 interval?

The ages represented are 78, 79, 80, 81, so all numbers that start with 78 going up to 81.

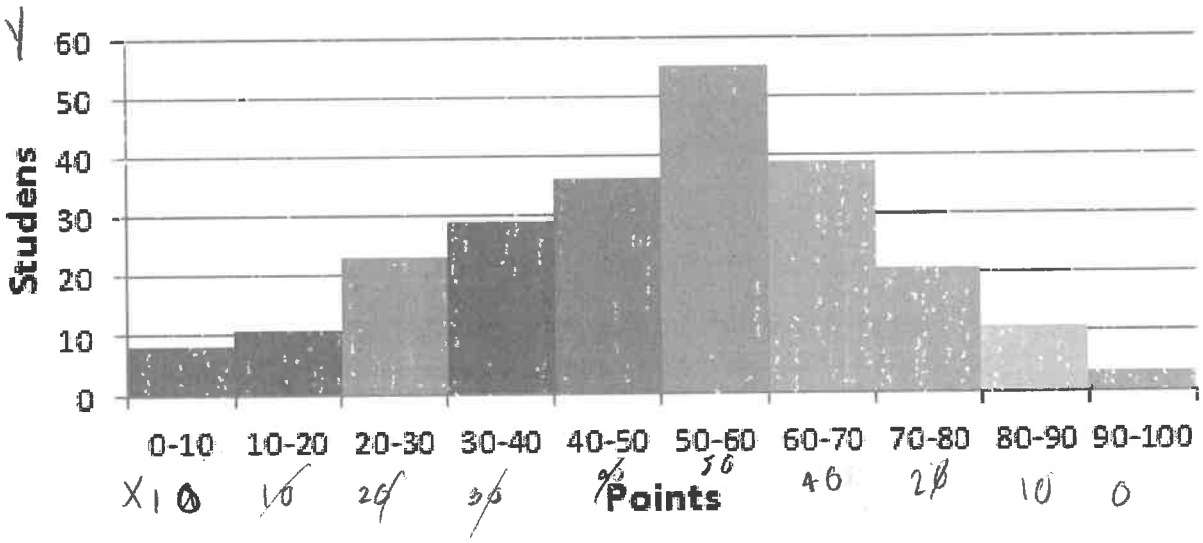
3) About how many voters were between 18-22 years old?

About 2000 voters were between 18 and 22 years old. I know this because the # of voters for people 18-22 is close to 2000.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1) What does the x-axis of this histogram represent?

Points

2) What does the y-axis of this histogram represent?

Students

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

240

5) About how many students scored between 70-80 on the space unit test?

20

6) What was more common: a student scoring below 20 or a student scoring above 70?

Student scoring above 70

7) What did a typical 8th grade student score on this test?

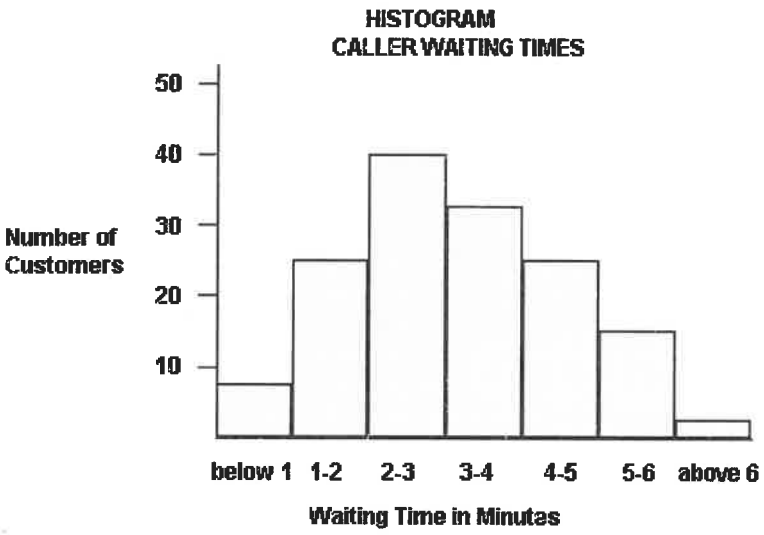
50-60

Name: Liam

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?
Waiting time in minutes

b) What does the y-axis represent in this histogram?
# of customers

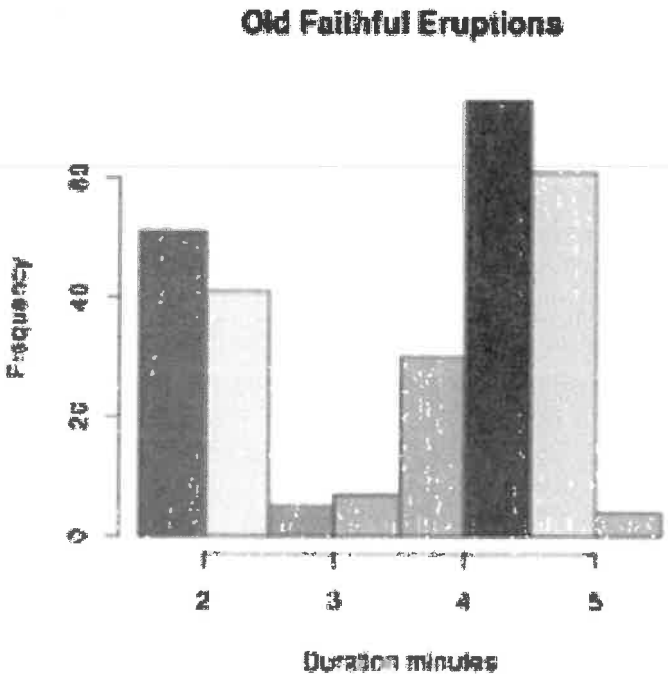
c) Which interval would a wait time of 5:00 minutes fall into?
5-6

d) About how many customers had to wait less than two minutes?
About 30

e) About how many customers had to wait at least four minutes?
About 30

f) If you called AT&T right now, how many minutes would you expect to have to wait?
I expect me to wait 2-3 minutes

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?
How long the eruptions of Old Faithful were

b) What is the most common duration of eruptions?
4 minutes

c) About how many times did the eruption last less than 3 minutes?
About 80 times

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?
I would say the duration of Old Faithful's eruptions are 4-5 minutes

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

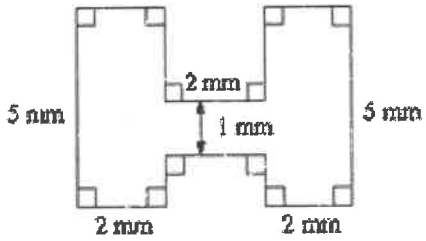
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



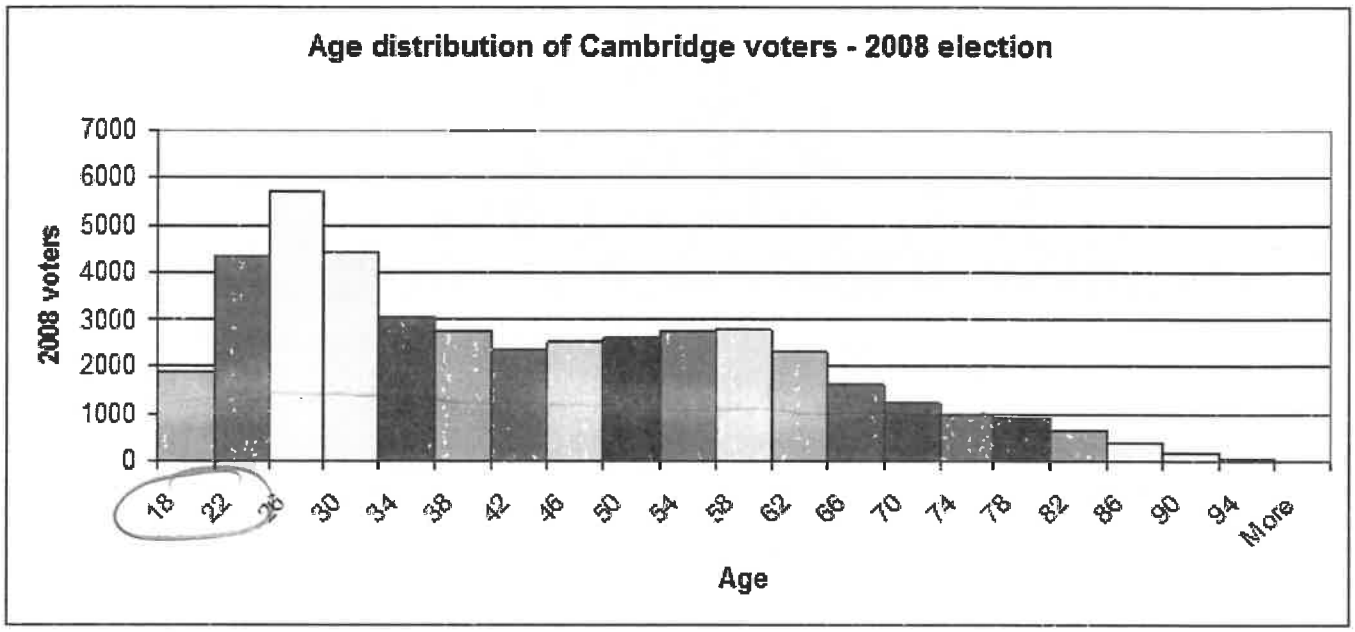
Name: Mike

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22

2) What ages are represented in the 78-82 interval?

78 → 79 → 80 → 81 → 82

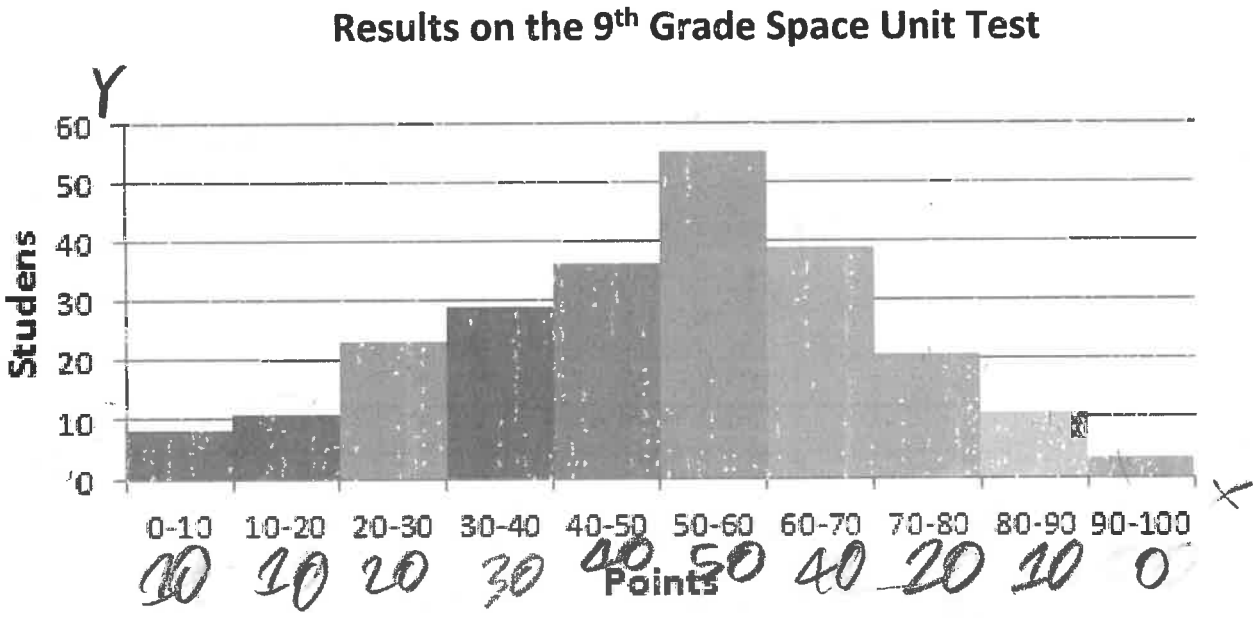
3) About how many voters were between 18-22 years old?

18 → 19 → 20 → 21 → 22
1 2 3 4

12
-18
04

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



10+10=20
20+20=40
40+30=70
70+40=110
110+50=
140+40=180
180+20=200
240

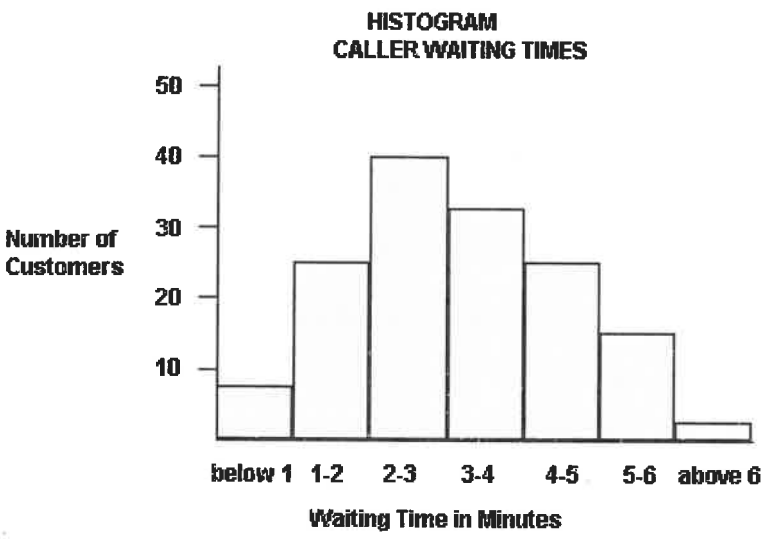
1) What does the x-axis of this histogram represent?
Points
2) What does the y-axis of this histogram represent?
students
3) Which interval would a score of 80 fall into?
80-90
4) About how many total students took the space unit test?
240
5) About how many students scored between 70-80 on the space unit test?
20
6) What was more common: a student scoring below 20 or a student scoring above 70?
7) What did a typical 8th grade student score on this test?

Name: Mike

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? waiting time in minutes

b) What does the y-axis represent in this histogram? number of customers

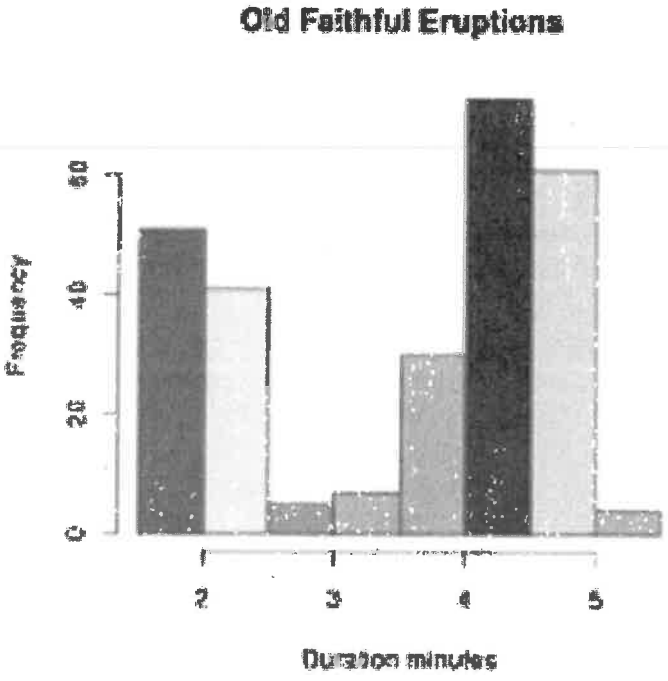
c) Which interval would a wait time of 5:00 minutes fall into? 5-6

d) About how many customers had to wait less than two minutes? About 30

e) About how many customers had to wait at least four minutes? About 30

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

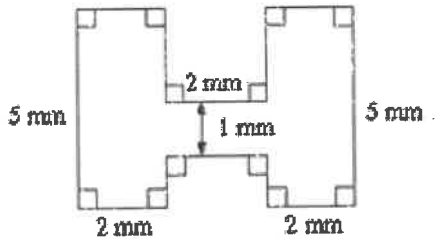
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



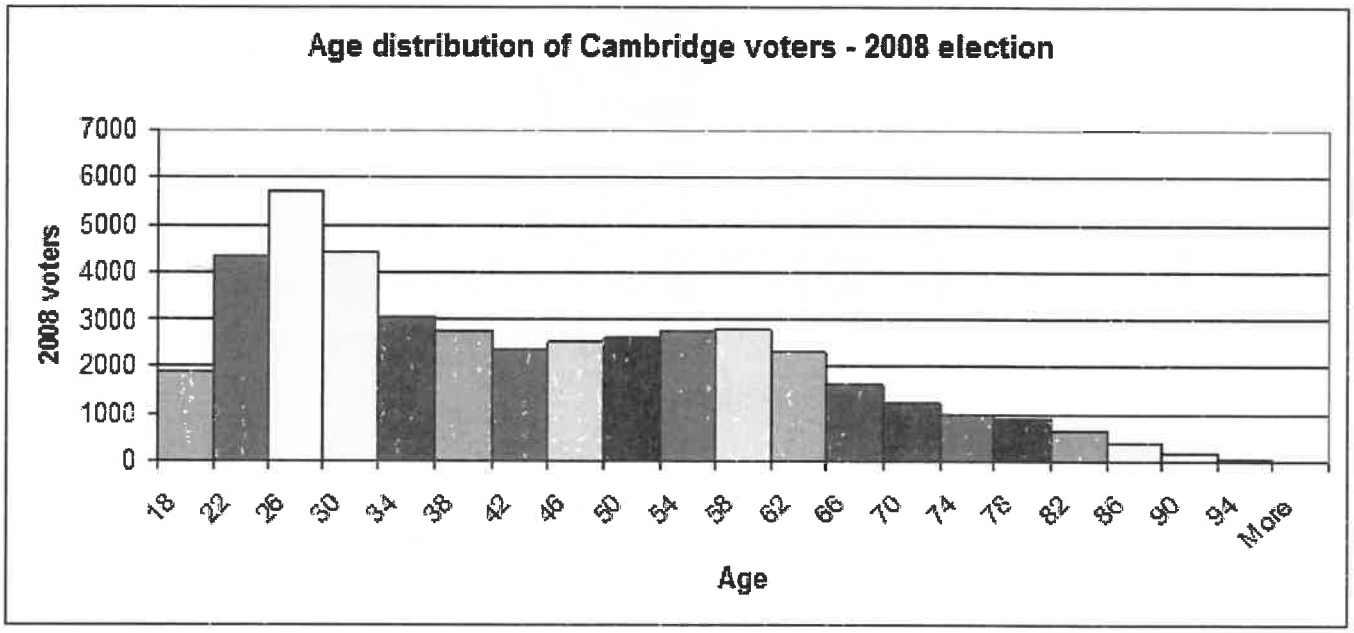
Name: Rogelio

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22
↳ then the ranges that go on and on

2) What ages are represented in the 78-82 interval?

78-79-80-81-

→ how many voters → not people

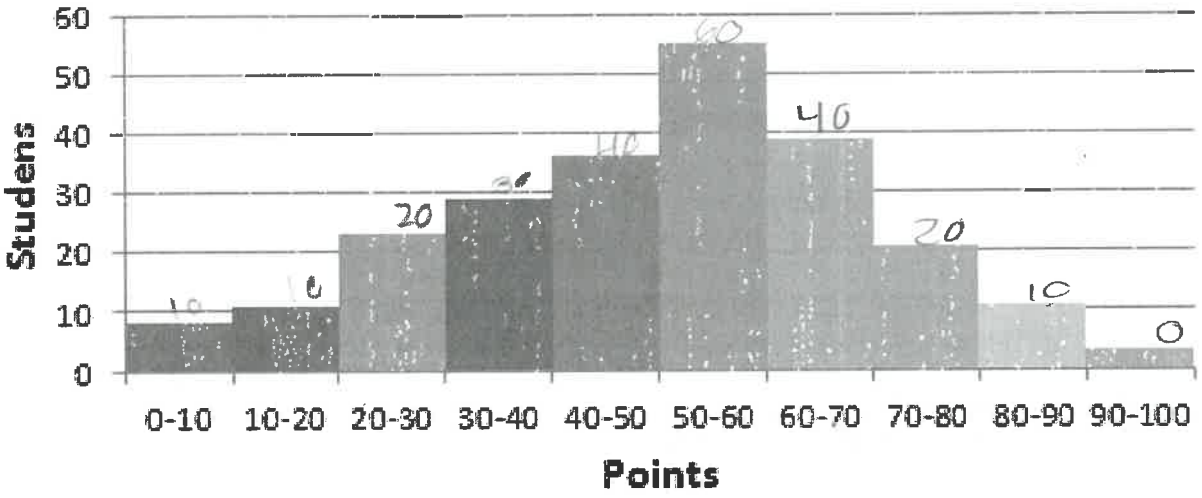
3) About how many voters were between 18-22 years old?

2,000 voters will be between

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1) What does the x-axis of this histogram represent?

It represents the points

2) What does the y-axis of this histogram represent?

the student

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

240 students

5) About how many students scored between 70-80 on the space unit test?

20 students

6) What was more common: a student scoring below 20 or a student scoring above 70?

70 students scoring over

7) What did a typical ~~8th~~ 9th grade student score on this test?

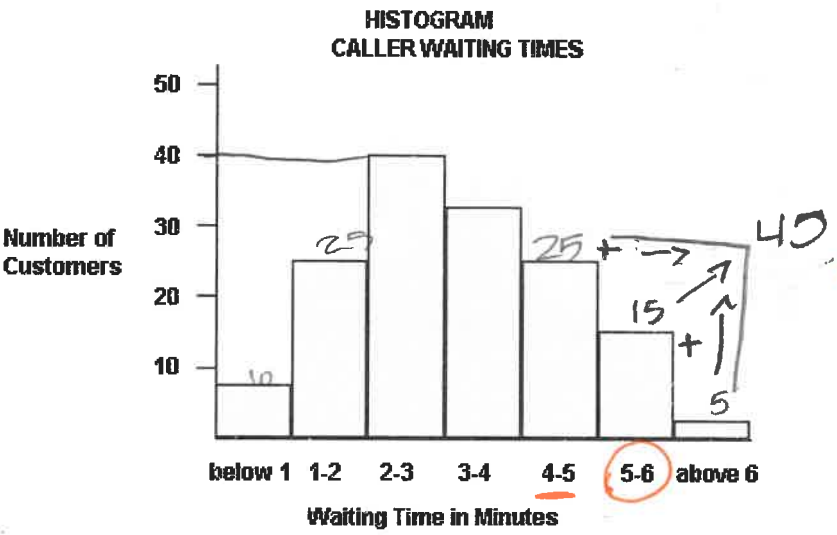
10
+10
20
30
40
60
20
10
240

Name: Roger

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram?
waiting time in minutes

b) What does the y-axis represent in this histogram?
number of customers

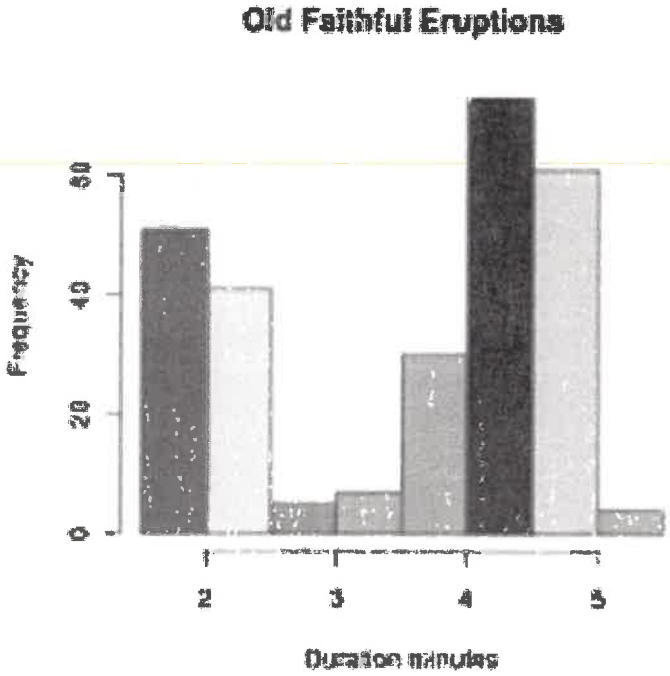
c) Which interval would a wait time of 5:00 minutes fall into?
5-6

d) About how many customers had to wait less than two minutes?
35

e) About how many customers had to wait at least four minutes?
45

f) If you called AT&T right now, how many minutes would you expect to have to wait?

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

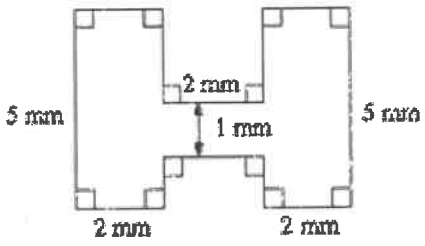
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



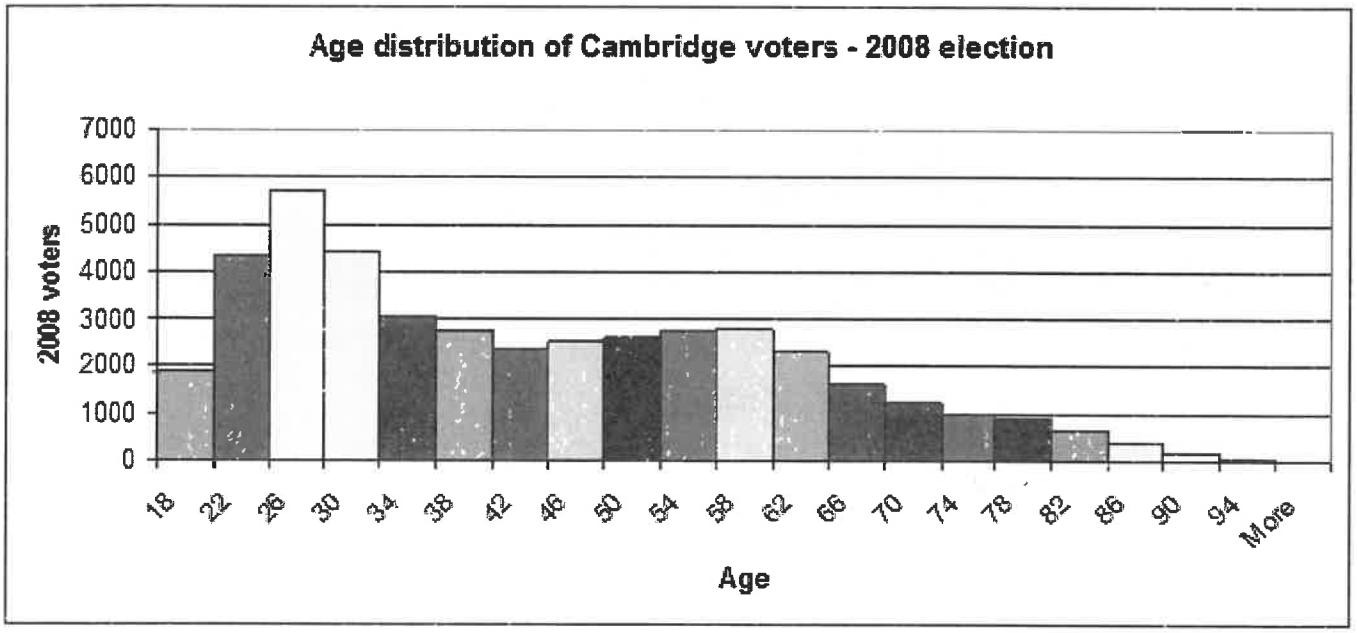
Name: Thierry

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

I see 18 -22. These are the ages of the voters.

2) What ages are represented in the 78-82 interval?

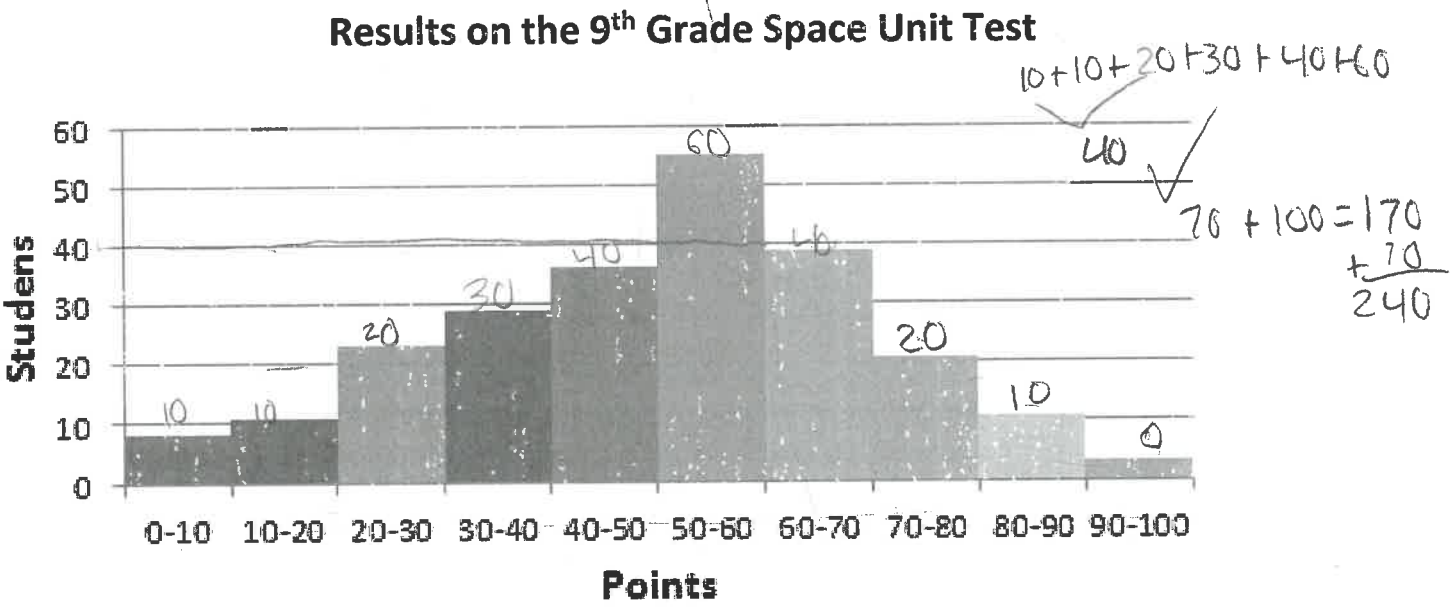
I think it is 78, 79, 80 and '81.

3) About how many voters were between 18-22 years old?

It was around 2000 voters.

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.



1) What does the x-axis of this histogram represent?

The x-axis will represent the points

2) What does the y-axis of this histogram represent?

The y axis represents the students

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

240 students

5) About how many students scored between 70-80 on the space unit test?

20 students scored

6) What was more common: a student scoring below 20 or a student scoring above 70?

It was a student scoring over 70

7) What did a typical ~~8~~ 9th grade student score on this test?

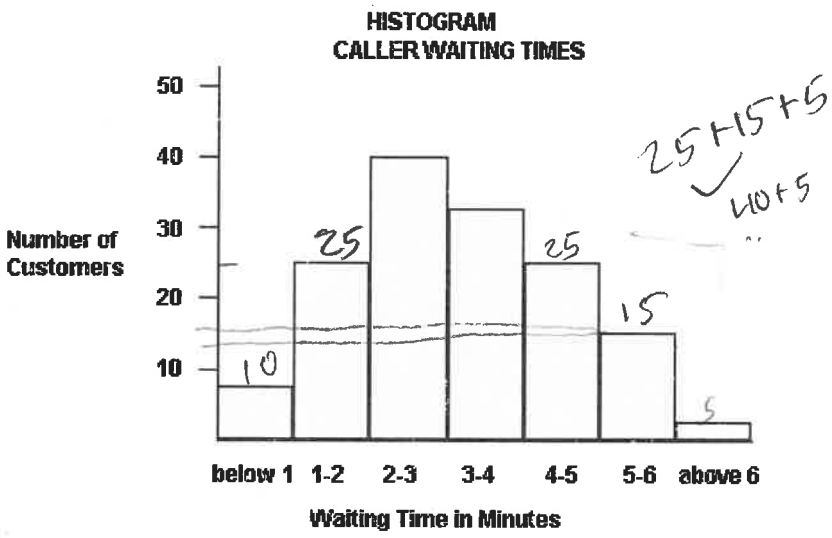
I t

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



25+15+5 ✓ 40+5

a) What does the x-axis represent in this histogram?
It represents the waiting time in minutes.

b) What does the y-axis represent in this histogram?
It represents the number of customers.

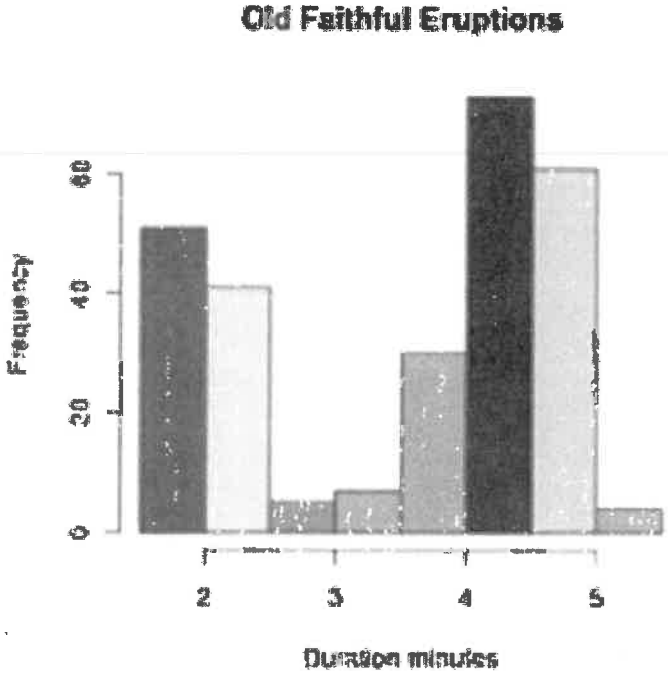
c) Which interval would a wait time of 5:00 minutes fall into?
5-6 minutes.

d) About how many customers had to wait less than two minutes?
Around 35 customers.

e) About how many customers had to wait at least four minutes?
Around 45 customers.

f) If you called AT&T right now, how many minutes would you expect to have to wait?
I would wa

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

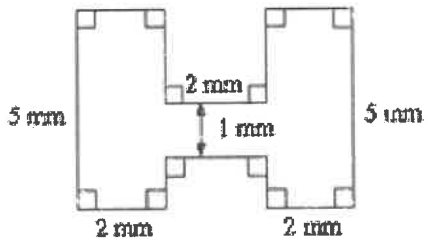
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



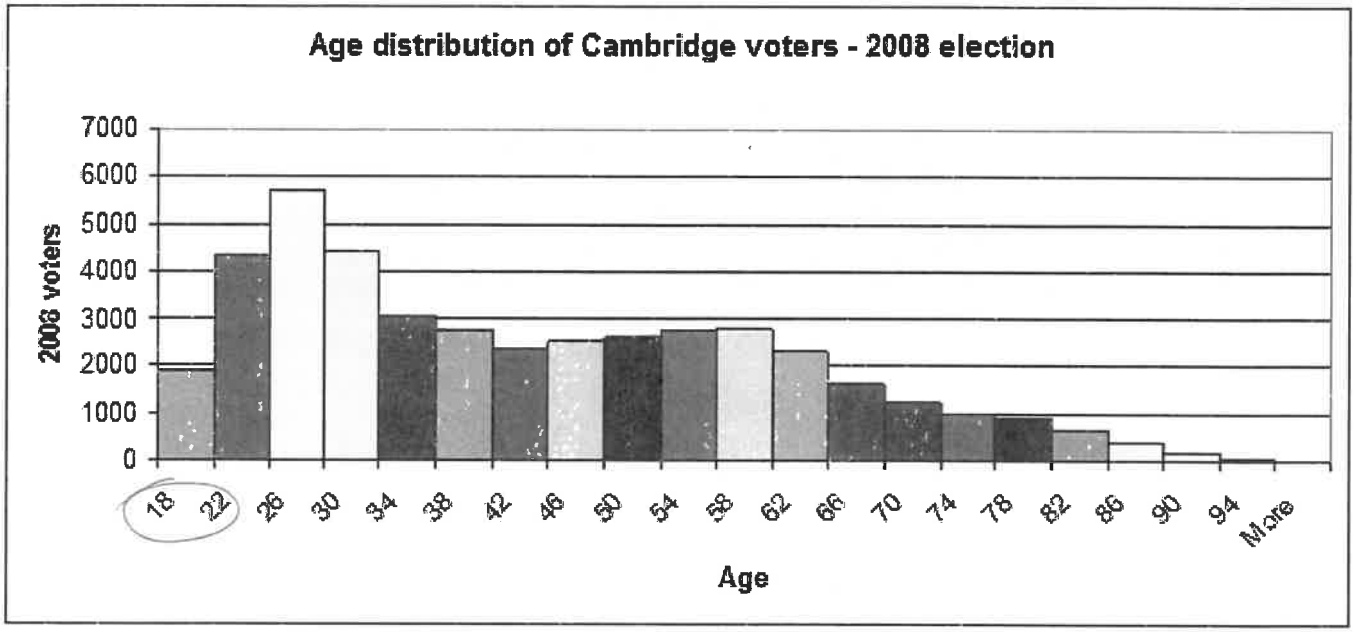
Name: Laura

Number: ____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

18-22 are the numbers are the First ranges represented.

2) What ages are represented in the 78-82 interval?

The ages represented are 79, 80, 81.

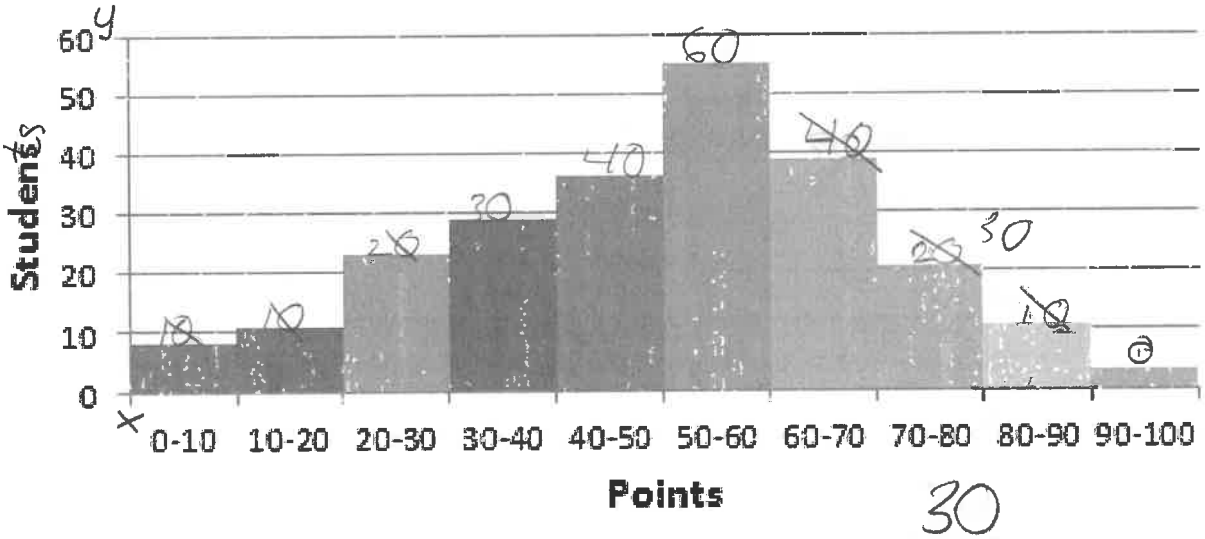
3) About how many voters were between 18-22 years old?

About 1900 because the part of the histogram is

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1) What does the x-axis of this histogram represent?
Points

2) What does the y-axis of this histogram represent?
Students

3) Which interval would a score of 80 fall into?
80-90

4) About how many total students took the space unit test?
240 students

5) About how many students scored between 70-80 on the space unit test?
20 students

6) What was more common: a student scoring below 20 or a student scoring above 70?
more common to score above a 70

7) What did a typical 8th grade student score on this test?

30
+40
+80
150
+30
180
+60
240

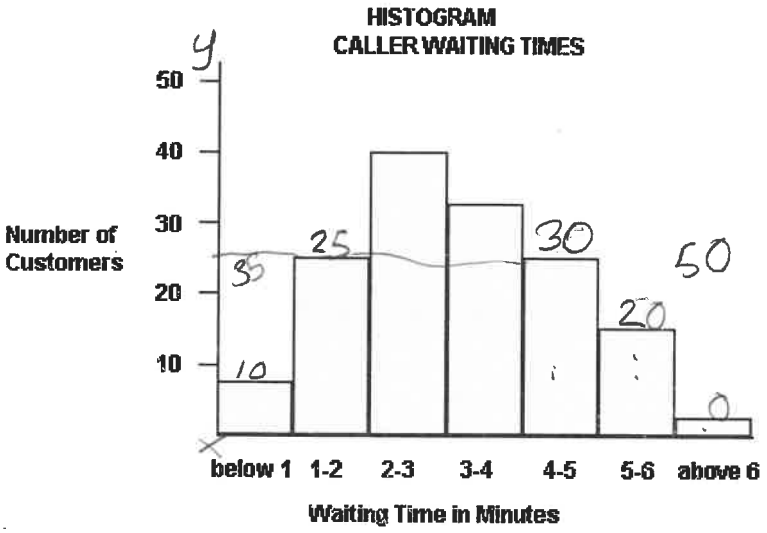
20
10
30
70 and above

Name: _____

Number: ____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? The waiting time in minutes.

b) What does the y-axis represent in this histogram? The number of customers.

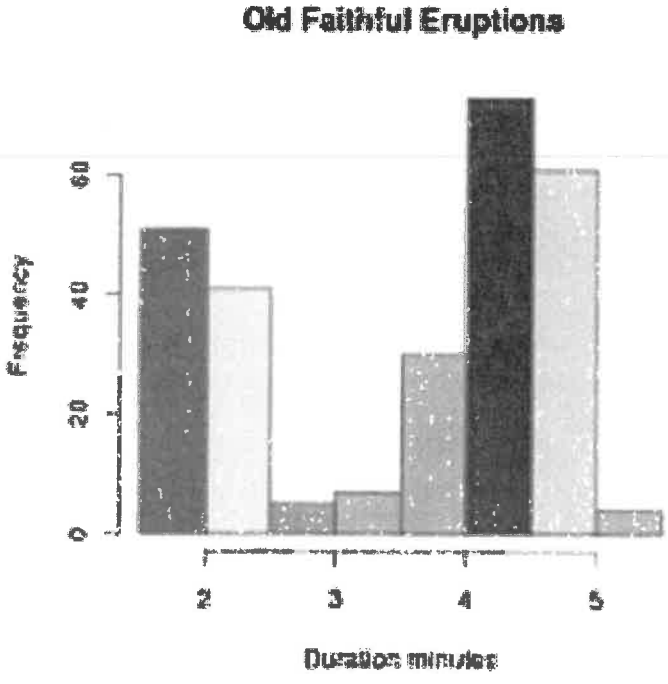
c) Which interval would a wait time of 5:00 minutes fall into? 5-6 minutes

d) About how many customers had to wait less than two minutes? About 35 customers.

e) About how many customers had to wait at least four minutes? About 25 customers.

f) If you called AT&T right now, how many minutes would you expect to have to wait? I would expect to have t

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

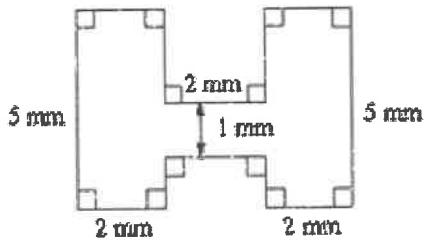
B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.



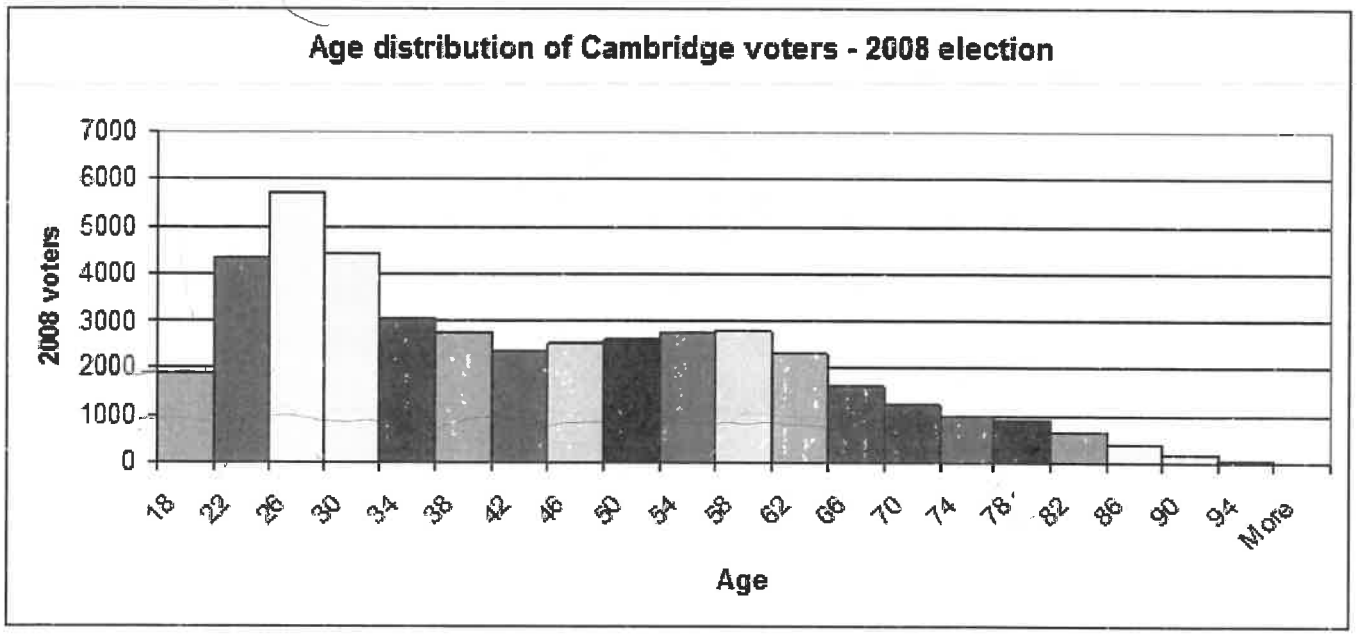
Name: Amelia

Number: _____

Lesson 6.4 - Problem Solving Task

Directions: Your teacher is about to explain a new way to display data called a histogram. Your job is to take notes on the histogram below to help you understand all the parts of the histogram and what it shows.

The histogram below shows the ages of voters in Cambridge, MA during the 2008 presidential election (when Barack Obama was first elected as president!)



1) What's the first range you see on this histogram?

The first range I see is 18-22

2) What ages are represented in the 78-82 interval?

78, 79, 80, 81

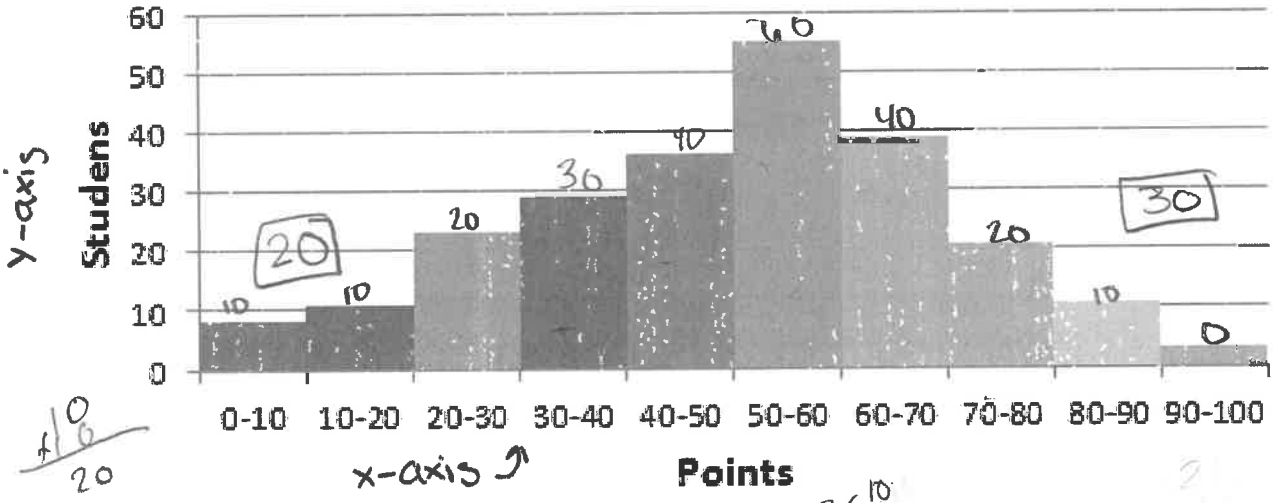
3) About how many voters were between 18-22 years old?

About 2998 voters

Part 2:

The histogram below shows the results of a space unit test taken by the 9th graders at Gregson High School. Use the histogram to answer questions below.

Results on the 9th Grade Space Unit Test



1) What does the x-axis of this histogram represent?

The Point

2) What does the y-axis of this histogram represent?

The Students

3) Which interval would a score of 80 fall into?

80-90

4) About how many total students took the space unit test?

240 total students

5) About how many students scored between 70-80 on the space unit test?

About 20 Students

6) What was more common: a student scoring below 20 or a student scoring above 70?

More common above a 70

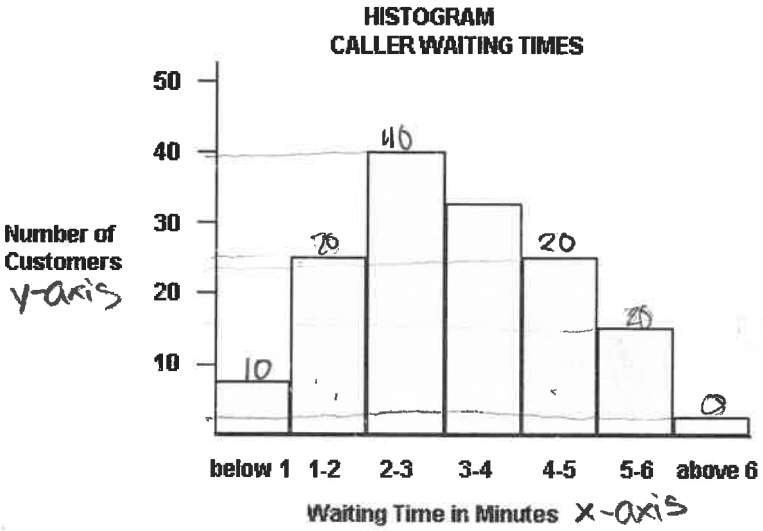
7) What did a typical 8th grade student score on this test?

Name: _____

Number: _____

Lesson 6.4 – Independent Practice

1. The histogram below shows the caller wait times for AT&T customers.



a) What does the x-axis represent in this histogram? Waiting Time in Minutes

b) What does the y-axis represent in this histogram? Number of Customers

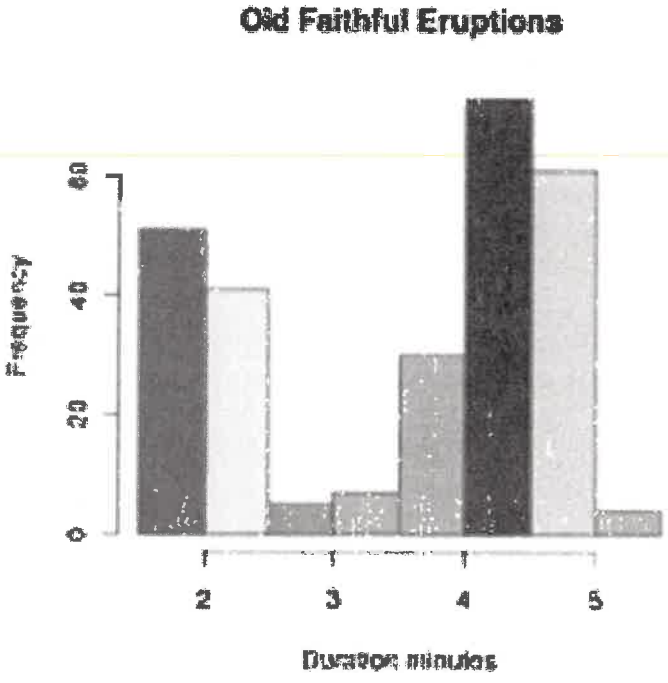
c) Which interval would a wait time of 5:00 minutes fall into? 5-6

d) About how many customers had to wait less than two minutes? About 30 customers

e) About how many customers had to wait at least four minutes? 40 customers

f) If you called AT&T right now, how many minutes would you expect to have to wait? About 2-3 minutes

2) The histogram below shows the duration of Old Faithful eruptions.



a) What does "duration" mean in this histogram?

b) What is the most common duration of eruptions?

c) About how many times did the eruption last less than 3 minutes?

d) Is someone asked you to describe the duration of Old Faithful's eruptions, what would you say?

Review:

1) Solve the following problems. The answers are found in the answer box below. There are five questions below, and six answers in the box. When you are done with the five problems, and you have double checked your work, write the answer that was not used in the space below. You MUST show all work.

A. Solve for x: $2x + 4 = 16$

C. $4 \div 1 \bullet (5 - (3 - 2)) \div 2$

B. $2\frac{3}{4} \div \frac{1}{4}$

D. Volume of a cube with side length 4

E. GCF of 30 and 60

ANSWER BOX:					
6	8	96	6	30	11
ANSWER NOT USED:					

2) Determine the area of the composite figure.