Brooke CHARTER SCHOOLS

No calculators

7th Grade Math
2.10

Name: Jayliance [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$6x = 30$

$\div 6 \quad \div 6$

$x = 5$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$

$-5x \quad -5x$

$2x - 14 = -10$

(A) -4

(B) -2

(C) 2

(D) 6

Brooke CHARTER SCHOOLS

No calculators

7th Grade Math
2.10

Name: Victoria [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$6x = 30$

$\div 6 \quad \div 6$

$x = 6$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$

$-5x \quad +14 \quad +14$

$2x = 4$

$\div 2 \quad \div 2$

$x = 2$

(A) -4

(B) -2

(C) 2

(D) 6

Brooke CHARTER SCHOOLS

No calculators

7th Grade Math
2.10

Name: Kierstin [redacted]

Exit Ticket

1. Solve for *x*.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6x \quad \div 6x$
$x = 5$

2. What value of *x* makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$
$-7x \quad -7x$
$-14 = -2x - 10$
$+10 \quad +10$
$-4 = -2x$

$-4 = -2$
$\div -2 \quad \div -2$

$x = -2$

(A) – 4
(B) – 2
(C) 2
(D) 6

Brooke Charter Schools

No calculators

7th Grade Math
2.10

Name: Jafar [redacted]

Exit Ticket

1. Solve for *x*.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$\div 6 \quad 6x = 30 \quad \div 6$

$1x = 5$

2. What value of *x* makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$

$+14 \quad +14$

$-5x \quad -5x$

$2x = 4$

$\div 2 \quad \div 2$

$1x = 2$

(A) -4

(B) -2

(C) 2

(D) 6

Brooke CHARTER SCHOOLS

No calculators

7th Grade Math
2.10

Name: Justin [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$6x = 30$

$\div 6 \quad \div 6$

$x = 5$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

(A) -4

(B) -2

(C) 2

(D) 6

$7x - 14 = 5x - 10$

$-5x \quad -5x$

$2x - 14 = -10$

$+10 \quad +10$

$2x = 4$

$\div 2 \quad \div 2$

$x = 2$

Brooke CHARTER SCHOOLS

No calculators

7th Grade Math
2.10

Name: _____

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) -4

(B) -2

(C) 2

(D) 6

Brooke CHARTER SCHOOLS

No calculators

7th Grade Math
2.10

Name: Charlotte. [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6 \quad \div 6$
$x = 5$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$
$+10 \quad +10$
$7x - 4 = 5x$
$-5x \quad -5x$
$2x = 4$
$\div 2 \quad \div 2$
$x = 2$

(A) -4

(B) -2

(C) 2

(D) 6

Brooke Charter Schools

No calculators

7th Grade Math
2.10

Name: Sadie [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$

$\frac{30}{6} = 5 = x$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

(A) -4
(B) -2
(C) 2
(D) 6

$7x - 14 = 5x - 10$
$+10 \quad +10$
$7x - 4 = 5x$
$-7x \quad -7x$
$-4 = -2x$

$\frac{-4}{2} = -2 = x$

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No calculators

7th Grade Math
2.10

Name: Kaiden [redacted]

Exit Ticket

1. Solve for *x*.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$

$6x = 30$
$\div 6 \quad \div 6$

$x = 5$

2. What value of *x* makes this equation true?

$7(x - 2) = 5x - 10$

$7x + -14 = 5x + -10$
$+14 \quad +14$

(A) -4
(B) -2
(C) 2
(D) 6

$7x = 5x + 4$
$-5x \quad -5x$

$2x = 4$
$\div 2 \quad \div 2$

$x = 2$

Brooke Charter Schools

No calculators

7th Grade Math
2.10

Name: Jason [redacted] Date: 9/30/24

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$\frac{6x}{6} = \frac{30}{6}$

$x = 5$

$24 \times 2 = 48$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$

$-5x \quad -5x$

$2x - 14 = -10$

$+14 \quad +14$

$\frac{2x}{2} = \frac{4}{2}$

$x = 2$

(A) -4

(B) -2

(C) 2

(D) 6

-4 makes the equation true

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No calculators

7th Grade Math
2.10

Name: Amiyah [redacted]

Exit Ticket

1. Solve for *x*.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$0 \quad = 30$

$6x$

$x = 5$

$6 \cdot 5 \quad 6 \times 5$

2. What value of *x* makes this equation true?

$7(x - 2) = 5x - 10$

(A) -4

(B) -2

(C) 2

(D) 6

$7x - 14 = 5x - 10$

$+10 \quad +10$

$7x - 4 = 5x \quad 0$

$-7x \quad -7x$

$0 \quad 4 = -2$

-1

2!

variable being isolated

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No calculators

7th Grade Math
2.10

Name: Jaeyleen [redacted]

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6 \quad \div 6$
$x = 5$

$x = 5$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) -4
(B) -2
(C) 2
(D) 6

$7x - 14 = 5x - 10$
$-5x \quad -5x$
$2x - 14 = -10$
$+14 \quad +14$
$2x = 4$
$\div 2 \quad \div 2$
$x = 2$

$X = 2$

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Name: [redacted]

7th Grade Math
2.10

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$6x + 24 = 54$
$-24 \quad -24$
$0 \quad 30$
$\frac{6x}{6} \quad \div 6$

$x = 5$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

~~(A) 4~~

~~(B) − 2~~

(C) 2

~~(D) 6~~

$7x - 14 = 5x - 10$
$-7x \quad -7x$
$-14 = -2x - 10$
$+10 \quad +10$
$-4 = -2x$
$\div -2 \quad \div -2$
$2 = x$

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No calculators

7th Grade Math
2.10

Name: Tre'vaughn [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6 \quad \div 6$
$x = 5$

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$
$-5x \quad -5x$
$2x - 14 = -10$
$+14 \quad +14$
$2x = 4$
$\div 2 \quad \div 2$
$x = 2$

(A) -4

(B) -2

(C) 2

(D) 6

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N[redacted]lculators

7th Grade Math
2.10

Name: Peculiar [redacted]

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6 \quad \div 6$
$1x = 5$

$x = 5$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) -4

(B) -2

(C) 2

(D) 6

$7x - 14 = 5x - 10$
$-5 \quad -5 \quad -10$
$2x - 14 = -10$ $-10 + 14$
$+14 \quad +14$
$2x = 4$
$\div 2 \quad \div 2$
$1x = 2$

$x = 2$

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Name: Julian [redacted]

No calculators

7th Grade Math
2.10

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$

$-24 \quad -24$

$6x = 30$

$\div 6 \quad \div 6$

$x = 5$

6 12 18 24 30

2. What value of x makes this equation true?

$7(x - 2) = 5x - 10$

(A) -4

(B) -2

(C) 2

(D) 6

$7x - 14 = 5x - 10$

$-5x \quad -5x$

$2x - 14 = -10$

$+14 \quad +14$

$2x = 4$

$\div 2 \quad \div 2$

$x = 2$

Brooke Charter Schools

No calculators

7th Grade Math
2.10

Name: Nancy [redacted]

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6 \quad \div 6$
$x = 5$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) -4
(B) -2
(C) 2
(D) 6

$7x - 14 = 5x - 10$
$-5x \quad -5x$
$2x - 14 = -10$
$+14 \quad +14$
$2x = 4$
$\div 2 \quad \div 2$
$x = 2$

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No calculators

7th Grade Math
2.10

Name: Mirian [redacted]

Exit Ticket

1. Solve for *x*.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\div 6 \quad \div 6$
$x = 5$

2. What value of *x* makes this equation true?

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$
$-5x \quad -5x$
$2x - 14 = -10$
$+14 \quad +14$
$2x = 4$
$\div 2 \quad \div 2$
$x = 2$

(A) -4

(B) -2

(C) 2

(D) 6

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No calculators

7th Grade Math
2.10

Name: Lea [redacted]

Exit Ticket

1. Solve for x.

$3(2x + 8) = 54$

$6x + 24 = 54$
$-24 \quad -24$
$6x = 30$
$\frac{6x}{6} = \frac{30}{6}$
$x = 5$

$3(2(5)+8) = 54$
$30 + 24 = 54$
$54 = 54$

2. What value of x makes this equation true?

(A) -4
(B) -2
(C) 2
(D) 6

$7(x - 2) = 5x - 10$

$7x - 14 = 5x - 10$
$-5x \quad -5x$
$2x - 14 = -10$
$+14 \quad +14$
$\frac{2x}{2} = \frac{4}{2}$
$x = 2$