



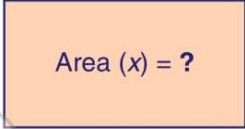
Name _____ Class _____ Date _____

1 Solve the **equation** for x .

$$\frac{x}{7} = -12$$

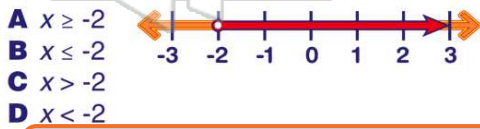
- A -84
- B -72
- C 72
- D 84

2 The area of a rectangle, x , divided by 13 equals 4. What is the area of the rectangle?



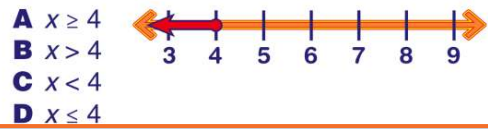
- A 39
- B 42
- C 52
- D 59

3 According to the number line, which **inequality** is shown?



- A $x \geq -2$
- B $x \leq -2$
- C $x > -2$
- D $x < -2$

4 According to the number line, which **inequality** is shown?



- A $x \geq 4$
- B $x > 4$
- C $x < 4$
- D $x \leq 4$

5

PREVIEW

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- A $x < -2$
- B $x < -1$
- C $x > -1$
- D $x > -2$

- A $x < -7$
- B $x < 7$
- C $x > 7$
- D $x \leq 7$

9 Solve the **inequality** for x .

$$x + 6 > 14$$

- A $x > 8$
- B $x < 8$
- C $x > 7$
- D $x < 7$

10 Solve the **inequality** for x .

$$12 + x < 37$$

- A $x < 15$
- B $x > 15$
- C $x < 25$
- D $x > 25$



ANSWER KEY

Solve the **equation** for x .

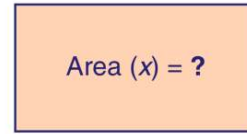
$$\frac{x}{7} = -12$$

- A -84
- B -72
- C 72
- D 84

(a)

The area of a rectangle, x , divided by 13 equals 4. What is the **area** of the rectangle?

- A 39
- B 42
- C 52
- D 59



(c)

According to the number line, which **inequality** is shown?

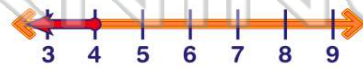
- A $x \geq -2$
- B $x \leq -2$
- C $x > -2$
- D $x < -2$



(c)

According to the number line, which **inequality** is shown?

- A $x \geq 4$
- B $x > 4$
- C $x < 4$
- D $x \leq 4$



(d)

A
B
C
D



PREVIEW

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A
V

A
B

C
D

Solve the **inequality** for x .

$$x + 6 > 14$$

- A $x > 8$
- B $x < 8$
- C $x > 7$
- D $x < 7$

(a)

Solve the **inequality** for x .

$$12 + x < 37$$

- A $x < 15$
- B $x > 15$
- C $x < 25$
- D $x > 25$

(c)