



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 What is the value of  $x$  in the following equation?

$$14x = -126$$

- A -9
- B -8
- C 8
- D 9

3 What is the value of  $x$  in the following equation?

$$\frac{x}{-18} = -9$$

- A -162
- C 152

2 What is the value of  $x$  in the following equation?

$$-11x = -143$$

- A -14
- B -13
- C 13
- D 14

4 What is the value of  $x$  in the following equation?

$$\frac{x}{22} = 11$$

- A 2
- C 242

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## PREVIEW

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- A  $x \geq 15$
- B  $x \geq 9$
- C  $x \leq 9$
- D  $x \leq 15$

- A  $x < -60$
- B  $x < -30$
- C  $x < 30$
- D  $x < 60$

9 What is the value of  $x$  in the following inequality?

$$-3x > 84$$

- A  $x > -28$
- B  $x > 252$
- C  $x < -28$
- D  $x < -27$

10 What is the value of  $x$  in the following inequality?

$$\frac{x}{-18} \leq -4$$

- A  $x \leq -72$
- B  $x \geq -72$
- C  $x \leq 72$
- D  $x \geq 72$



## ANSWER KEY

What is the value of  $x$  in the following equation?

$$14x = -126$$

- A -9
- B -8
- C 8
- D 9

(a)

What is the value of  $x$  in the following equation?

$$-11x = -143$$

- A -14
- B -13
- C 13
- D 14

(c)

What is the value of  $x$  in the following equation?

$$\frac{x}{-18} = -9$$

- A -162
- B 2
- C 152
- D 162

(d)

What is the value of  $x$  in the following equation?

$$\frac{x}{22} = 11$$

- A 2
- B 220
- C 242
- D 253

(c)



## PREVIEW

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- A  $x \geq 15$
- B  $x \geq 9$
- C  $x \leq 9$
- D  $x \leq 15$

- A  $x < -60$
- B  $x < -30$
- C  $x < 30$
- D  $x < 60$

What is the value of  $x$  in the following inequality?

$$-3x > 84$$

- A  $x > -28$
- B  $x > 252$
- C  $x < -28$
- D  $x < -27$

(c)

What is the value of  $x$  in the following inequality?

$$\frac{x}{-18} \leq -4$$

- A  $x \leq -72$
- B  $x \geq -72$
- C  $x \leq 72$
- D  $x \geq 72$

(d)