



Name _____ Class _____ Date _____

1 Solve the equation for x .

$$7x - 2 \geq 12$$

- A $x \geq 10$
- B $x \leq 10$
- C $x \geq 2$
- D $x \leq 2$

2 Solve the equation for x .

$$-5x - 10 \leq -15$$

- A $x \leq 1$
- B $x \geq 1$
- C $x \leq -1$
- D $x \geq -1$

3 Solve the equation for x .

$$\frac{x}{2} - 6 \geq 8$$

- A $x \geq 1$
- B $x \leq 1$
- C $x \leq 28$
- D $x \geq 28$

4 Solve the equation for x .

$$\frac{x}{4} - 5 \leq 1$$

- A $x \leq 24$
- B $x \geq 24$
- C $x \geq 1$
- D $x \leq 1$

5



PREVIEW

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7

- A $x > 1$
- B $x \geq 1$
- C $x \leq 3$
- D $x \leq 1$

- B $x > 7$
- C $x < 3$
- D $x > 3$

9

Solve the equation for x .

$$3x + 4 < 6x + 43$$

- A $x < -13$
- B $x > -13$
- C $x < -13$
- D $x > -13$

10

Solve the equation for x .

$$14 - 5x \geq 8x - 12$$

- A $x \leq 8.7$
- B $x \geq 8.7$
- C $x \leq 2$
- D $x \geq 2$



ANSWER KEY

Solve the equation for x .

$$7x - 2 \geq 12$$

- A $x \geq 10$
- B $x \leq 10$
- C $x \geq 2$
- D $x \leq 2$

(c)

Solve the equation for x .

$$-5x - 10 \leq -15$$

- A $x \leq 1$
- B $x \geq 1$
- C $x \leq -1$
- D $x \geq -1$

(b)

Solve the equation for x .

$$\frac{x}{2} - 6 \geq 8$$

- A $x \geq 1$
- B $x \leq 1$
- C $x \leq 28$
- D $x \geq 28$

(d)

Solve the equation for x .

$$\frac{x}{4} - 5 \leq 1$$

- A $x \leq 24$
- B $x \geq 24$
- C $x \geq 1$
- D $x \leq 1$

(a)



PREVIEW

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- C $x \leq 3$
- D $x \leq 1$

- C $x < 3$
- D $x > 3$

Solve the equation for x .

$$3x + 4 < 6x + 43$$

- A $x < 13$
- B $x > 13$
- C $x < -13$
- D $x > -13$

(d)

Solve the equation for x .

$$14 - 5x \geq 8x - 12$$

- A $x \leq 8.7$
- B $x \geq 8.7$
- C $x \leq 2$
- D $x \geq 2$

(c)