



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

1 Solve the equation for  $x$ .

$$7x = -91$$

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

2 Solve the equation for  $x$ .

$$\frac{x}{-3} = -18$$

- A -72
- B -54
- C 54
- D 72

3 Solve the equation for  $x$ .

$$\frac{x}{24} = -6$$

- A -144
- B -4
- C
- D

4 Solve the inequality for  $x$ .

$$-6 + x \geq 12$$

- A  $x \leq 6$
- B  $x \leq 18$
- C  $x > 6$

5

S  
A  
E  
C  
D



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

S  
A

- A  $x < -144$
- B  $x > -144$
- C  $x < -16$
- D  $x > -16$

- A  $x \geq -13$
- B  $x \geq -12$
- C  $x \leq -12$
- D  $x \leq -13$

9

Solve the inequality for  $x$ .

$$\frac{x}{-2} \leq -42$$

- A  $x \leq 21$
- B  $x \geq -84$
- C  $x \geq 84$
- D  $x \geq 21$

10 Given the equation,  $\frac{x}{4} > -16$ , the answer  $x < -64$  is the correct answer.

True or false?

- A true
- B false



## ANSWER KEY

Solve the equation for  $x$ .

$$7x = -91$$

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

(b)

Solve the equation for  $x$ .

$$\frac{x}{-3} = -18$$

- A -72
- B -54
- C 54
- D 72

(c)

Solve the equation for  $x$ .

$$\frac{x}{24} = -6$$

- A -144
- B -4
- C 4
- D 144

(a)

Solve the inequality for  $x$ .

$$-6 + x \geq 12$$

- A  $x \leq 6$
- B  $x \leq 18$
- C  $x \geq 6$
- D  $x \geq 18$

(d)



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

Solve the inequality for  $x$ .

$$\frac{x}{-2} \leq -42$$

- A  $x < 21$
- B  $x \geq -84$
- C  $x \geq 84$
- D  $x \geq 21$

(c)

Given the equation,  $\frac{x}{4} > -16$ , the answer  $x < -64$  is the correct answer.

True or false?

- A true
- B false

(b)