



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Equations

1. Which value makes  $x + 20 = 29$  true? Which value makes  $x + 23 = 30$  true?

2. Is  $x = 6$  a solution to  $6x = 40$ ? Is  $x = 4$  a solution to  $6x = 27$ ?

3. Which value makes  $x + 24 = 34$  true? Which value makes  $x + 10 = 21$  true?

4. If  $x = 6$ , find  $5x + 4$ . If  $x = 4$ , find  $3x + 2$ .

5. Is  $x = 5$  a solution to  $5x = 29$ ? Which value makes  $x + 23 = 28$  true?



# Equations – Answer Key

1. Which value makes  $x + 20 = 29$  true? Which value makes  $x + 23 = 30$  true?

$x = 9$

$x = 7$

2. Is  $x = 6$  a solution to  $6x = 40$ ? Is  $x = 4$  a solution to  $6x = 27$ ?

$x = 0$

$x = 0$

3. Which value makes  $x + 24 = 34$  true? Which value makes  $x + 10 = 21$  true?

$x = 10$

$x = 11$

4. If  $x = 6$ , find  $5x + 4$ . If  $x = 4$ , find  $3x + 2$ .

$x = 10$

$x = -2$

5. Is  $x = 5$  a solution to  $5x = 29$ ? Which value makes  $x + 23 = 28$  true?

$x = 0$

$x = 5$