



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

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

## Equations Intro

*Solve for x. Show your work.*

1. Is  $x = 3$  a solution to  $3x + 7 = 16$ ?

2. Is  $x = 6$  a solution to  $3x + 3 = 21$ ?

3. Find  $x$  if  $6x + 2 = 20$

4. Find  $x$  if  $x + 12 = 18$

5. Find  $x$  if  $x + 15 = 23$

6. Find  $x$  if  $x + 7 = 17$

7. Is  $x = 7$  a solution to  $3x + 4 = 25$ ?

8. Find  $x$  if  $x + 15 = 25$



## Equations Intro – Answer Key

1. Is  $x = 3$  a solution to  $3x + 7 = 16$ ?

$x = 1$

2. Is  $x = 6$  a solution to  $3x + 3 = 21$ ?

$x = 1$

3. Find  $x$  if  $6x + 2 = 20$

$x = 3$

4. Find  $x$  if  $x + 12 = 18$

$x = 6$

5. Find  $x$  if  $x + 15 = 23$

$x = 8$

6. Find  $x$  if  $x + 7 = 17$

$x = 10$

7. Is  $x = 7$  a solution to  $3x + 4 = 25$ ?

$x = 1$

8. Find  $x$  if  $x + 15 = 25$

$x = 10$