



Name: _____

Date: _____

Equations With Variables On Both Sides

Solve for x. Show your work.

1. $3x - 4 = 1x + 10$

2. $7x + 1 = 2x - 4$

3. $3x + 1 = 2x + 9$

4. $5x + 1 = 1x + 1$

5. $6x + 8 = 2x + 8$

6. $6x - 6 = 4x + 6$

7. $6x - 5 = 5x - 2$

8. $3x + 2 = 2x + 9$



Equations With Variables On Both Sides – Answer Key

1. $3x - 4 = 1x + 10$

$x = 7$

2. $7x + 1 = 2x - 4$

$x = -1$

3. $3x + 1 = 2x + 9$

$x = 8$

4. $5x + 1 = 1x + 1$

$x = 0$

5. $6x + 8 = 2x + 8$

$x = 0$

6. $6x - 6 = 4x + 6$

$x = 6$

7. $6x - 5 = 5x - 2$

$x = 3$

8. $3x + 2 = 2x + 9$

$x = 7$