

Variables on Both Sides – Answer Key

Name _____

Date _____

Step 2 - Try the Skill

1

$5x+23=9x-12, 8.75$

2

$12x = x + 15, 1.364$

Step 3 - Practice the Skill

1

5

2

$\frac{1}{2}$

3

1.714

4

-12

5

-12.5

6

-1

7

22

8

308

9

-1.786

10

2

Step 4 - Practice the Skill Twice

1

$x-9=7x-15, 1$

2

$7x+1=x-53, 9$

3

$7x-5=39-4x, 4$

4

$9-3x = 6x+81, -8$

5

$6-x=7x+17,$

6

$-11x = x + 53, 4.42$

7

$4-2x=2x+32, -7$

8

$2x+16=x+32, 16$

9

$x+15=-4x, 3$

10

$x-3=2x, -3$

Step 5 - Show the Skill

1

2.2

2

-9

3

-13

4

2.27

5

-1/9

6

-3

7

2.17

8

3.6