1 Practice Using Zero Pairs and Reciprocal Pairs

1) Find the value of the variable that makes the equation true.

$\frac{1}{2}x = 24$

2) Find the value of the variable that makes the equation true.

$x + -15 = 24$

3) Find the value of the variable that makes the equation true.

$5x = -250$

4) Find the value of the variable that makes the equation true.

$\frac{1}{2}x = -216$

5) Find the value of the variable that makes the equation true.

$x + 89 = -24$

6) Find the value of the variable that makes the equation true.

$$3x = 51$$

7) Find the value of the variable that makes the equation true.

$$\frac{1}{5}x = -60$$

8) Find the value of the variable that makes the equation true.

$-\frac{1}{4}x = -60$

12) Find the value of the variable that makes the equation true.

$\frac{1}{2}x + (-22) = -216$

9) Find the value of the variable that makes the equation true.

$-15x = -45$

13) Find the value of the variable that makes the equation true.

$x + 53 = -271$

10) Find the value of the variable that makes the equation true.

$\frac{1}{2}x + 12 = 96$

14) Find the value of the variable that makes the equation true.

$x + (-125) = -600$

11) Find the value of the variable that makes the equation true.

$5x + 25 = -250 + 25$

15) Find the value of the variable that makes the equation true.

$-15x = -240$

2

16) Find the value of the variable that makes the equation true.

$$-15x + (-45) = -75$$