

Solve Absolute Value Equations

Give your answers as fractions or mixed numbers, if needed.

$$3|s| = 21$$

$$|x - 29| = 9$$

$$|-2r| = 10$$

$$|r| + 3 = 17$$

$$|8c| = 2$$

$$|d| - 7 = 24$$

$$3|-n| = 24$$

$$|f + 24| = 18$$

Solve Absolute Value Equations

Give your answers as fractions or mixed numbers, if needed.

$$3|s| = 21$$

$$s = 7$$

$$s = -7$$

$$|-2r| = 10$$

$$r = 5$$

$$r = -5$$

$$|8c| = 2$$

$$c = \frac{1}{4}$$

$$c = -\frac{1}{4}$$

$$3|-n| = 24$$

$$n = 8$$

$$n = -8$$

$$|x - 29| = 9$$

$$x = 38$$

$$x = 20$$

$$|r| + 3 = 17$$

$$r = 14$$

$$r = -20$$

$$|d| - 7 = 24$$

$$d = 31$$

$$d = -17$$

$$|f + 24| = 18$$

$$f = -6$$

$$f = -42$$