

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

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

## Solve the Equations

Round your answers to the nearest hundredth if needed.

1)  $9|-f| = 13$

6)  $|\frac{1}{-x} - 23| = 24$

2)  $|\frac{-5}{8}r| = 21$

7)  $|-2z| = 5$

3)  $\frac{3}{7}|k| = 15$

8)  $|-3h + 26| = 13$

4)  $|\frac{2}{3}n| = 25$

9)  $\frac{|b + 11|}{5} = 3$

5)  $|\frac{y + 25}{9}| = 24$

10)  $|\frac{4}{s} + 15| = 26$



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Round your answers to the nearest hundredth if needed.

1)  $9|-f| = 13$

$$f = \{ 1.44, -1.44 \}$$

6)  $\left| \frac{1}{-x} - 23 \right| = 24$

$$x = \{ -0.02, 1.00 \}$$

2)  $\left| \frac{-5}{8}r \right| = 21$

$$r = \{ 33.60, -33.60 \}$$

7)  $|-2z| = 5$

$$z = \{ 2.50, -2.50 \}$$

3)  $\frac{3}{7}|k| = 15$

$$k = \{ 35.00, -35.00 \}$$

8)  $|-3h + 26| = 13$

$$h = \{ 4.33, 13.00 \}$$

4)  $\left| \frac{2}{3}n \right| = 25$

$$n = \{ 37.50, -37.50 \}$$

9)  $\frac{|b+11|}{5} = 3$

$$b = \{ 4.00, -26.00 \}$$

5)  $\left| \frac{y+25}{9} \right| = 24$

$$y = \{ -241.00, 191.00 \}$$

10)  $\left| \frac{4}{s} + 15 \right| = 26$

$$s = \{ 0.36, -0.10 \}$$

