

Name : _____

Score : _____

Teacher : _____

Date : _____

Solve the Equations

Round your answers to the nearest hundredth if needed.

1) $|-4b + 13| = 19$

6) $|-9f| + 9 = 21$

2) $\frac{|z + 21|}{4} = 4$

7) $|-3v - 14| = 24$

3) $\frac{1}{7}|x| = 24$

8) $8|y| = 19$

4) $\frac{5}{9}|d| = 14$

9) $\left|\frac{a}{6} + 6\right| = 17$

5) $\left|\frac{-1}{6}k\right| = 17$

10) $|7c + 19| = 9$



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Solve the Equations

Round your answers to the nearest hundredth if needed.

1) $|-4b + 13| = 19$

$$b = \{-1.50, 8.00\}$$

6) $|-9f| + 9 = 21$

$$f = \{1.33, -1.33\}$$

2) $\frac{|z + 21|}{4} = 4$

$$z = \{-5.00, -37.00\}$$

7) $|-3v - 14| = 24$

$$v = \{-12.67, 3.33\}$$

3) $\frac{1}{7}|x| = 24$

$$x = \{168.00, -168.00\}$$

8) $8|y| = 19$

$$y = \{2.38, -2.38\}$$

4) $\frac{5}{9}|d| = 14$

$$d = \{25.20, -25.20\}$$

9) $\left|\frac{a}{6} + 6\right| = 17$

$$a = \{66.00, -138.00\}$$

5) $\left|\frac{-1}{6}k\right| = 17$

$$k = \{102.00, -102.00\}$$

10) $|7c + 19| = 9$

$$c = \{-1.43, -4.00\}$$

