

Solve the Absolute Value Equations

Round your answers to the nearest hundredth if needed.

1) $|7a| + 10 = 17$

6) $|-6s| - 17 = 23$

2) $|9c - 14| = 26$

7) $|5x - 17| = 16$

3) $|-6h + 28| = 10$

8) $5|r + 28| = 9$

4) $|2k + 19| = 14$

9) $|3d| + 13 = 14$

5) $|9v| - 27 = 16$

10) $|-3y| + 2 = 29$

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Solve the Absolute Value Equations

Round your answers to the nearest hundredth if needed.

1) $|7a| + 10 = 17$
 $a = -1 \text{ or } 1$

6) $|-6s| - 17 = 23$
 $s = -6.67, 6.67$

2) $|9c - 14| = 26$
 $c = -1.33, 4.44$

7) $|5x - 17| = 16$
 $x = 0.2, 6.6$

3) $|-6h + 28| = 10$
 $h = 3, 6.33$

8) $5|r + 28| = 9$
 $r = -29.8, -26.2$

4) $|2k + 19| = 14$
 $k = -2.5, -16.5$

8) $|3d| + 13 = 14$
 $d = -0.33, 0.33$

5) $|9v| - 27 = 16$
 $v = -4.78, 4.78$

8) $|-3y| + 2 = 29$
 $y = -9, 9$

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