

Absolute Value Equations

Directions: Solve each equation.

1. $|x| = 4$

2. $|v + 2| = 6$

3. $|x| - 10 = -5$

4. $-3|x|=6$

5. $|m-2|=0$

6. $-2|v-7|=-20$

7. $-3|5x-12|+6=3$

8. $4-3|k+2|=-14$

$$9. \left| \frac{4}{3} - x \right| = \frac{2}{5}$$

$$10. -\frac{1}{3}|x-4| + 6 = 4$$