

Absolute Value Equations

Solve each equation.

1) $|a - 7| = 8$

2) $\left|\frac{n}{8}\right| = 3$

3) $|m - 5| = 3$

4) $|x - 5| = -7$

$$5) -7|6 + x| = -14$$

$$6) |n + 1| - 7 = -2$$

$$7) 5 + \left| \frac{p}{10} \right| = 6$$

$$8) -1 + |6 + p| = 3$$

$$9) -6 + |6 - k| = -6$$

$$10) |5 + 4x| + 3 = -40$$