

## Solving Absolute Value Equations

Solve each equation. Highlight the expression inside the absolute value bars. Move all the numbers to the other side of the equation. Then rewrite the absolute value as two equations (one is positive, and one is negative).

1)  $|-3p| = 27$

2)  $\left|\frac{b}{5}\right| = 2$

3)  $|7b| = 42$

4)  $|n - 7| + 6 = 20$

5)  $-9|-2 + x| = -72$

6)  $\left|\frac{x}{8}\right| + 3 = 4$

7)  $|5 + 10p| = 75$

8)  $|-6m + 6| = 12$

9)  $-4 + |4x - 6| = 42$

10)  $-3|7 - 6v| = -51$