

Solving with Absolute Value

(1) $|3x - 2| = 7$

(2) $|7 - x| = 10$

(3) $8 - |x + 1| = 5$

(4) $|3 - 2x| + 4 = 1$

$$(5) |x + 7| \geq 15$$

$$(6) |x - \frac{1}{2}| < 5$$

$$(7) |2x - 8| \leq 10$$

$$(8) |5x + 1| > 1$$

$$(9) \quad |x + 3| - |x - 2| < 1$$

$$(10) \quad |x - 5| + |x - 7| \geq 10$$

$$(11) \quad |2x - 1| + |x| > 4$$