13.3 Solving Absolute Value Equations (pg. 601)

Example 1 (pg. 602) Solve each absolute value equation algebraically.

A. \(|3x| + 2 = 8\)

B. \(3|4x - 5| - 2 = 19\)

Your Turn (pg. 602) Solve each absolute value equation algebraically.

3. \(\frac{1}{2}|x + 2| = 10\)
4. \(-2|3x - 6| + 5 = 1\)

5. \(3 |\frac{1}{2} x + 5| + 7 = 5\)