Intervals and Interval Notation - Worksheet

NAME:
DATE:

1. Draw a picture on the number line of the given interval.

    (a) $(-3, 7]$

    (b) $[5, \infty)$

    (c) $(-\infty, -1)$

2. Use interval notation to denote the set of all real numbers x that satisfy the given inequality.

    (a) $3 < x \leq 6$

    (b) $x \geq -7$

    (c) $x < -2$

Absolute Value Equations and Inequalities - Worksheet

1. Solve $|x - 5| = 8$.

2. Solve $|3x - 5| \leq 8$.

3. Solve $|2x + 5| > 7$.