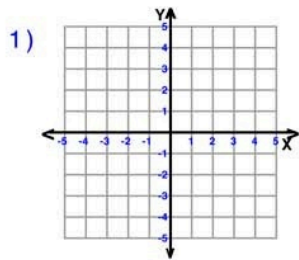Name: Date:
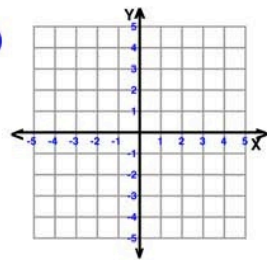
WORKSHEET :

Absolute Value Graphs
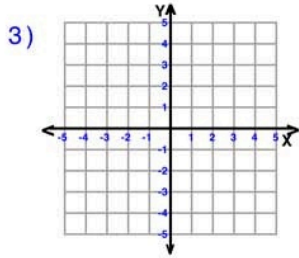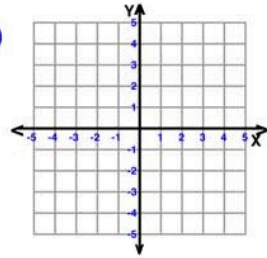
Sketch the Absolute Value of Each Equation
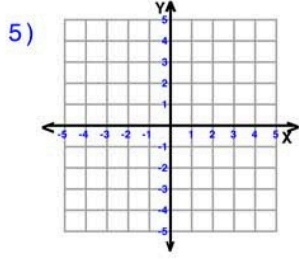
1) $y = -|x - 3| + 4$
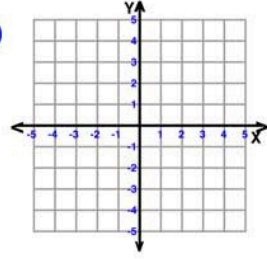
2) $y = |x| + 2$

3) $y = -|x + 3| + 3$

4) $y = |x - 3| - 4$

5) $y = |x + 3| - 4$

6) $y = |x + 1| + 3$

7) $y = -|x - 3| + 4$

8) $y = -|x - 1| + 1$

Absolute Value Graphs

Sketch the Absolute Value of Each Equation

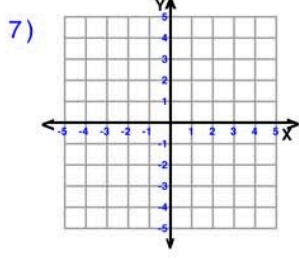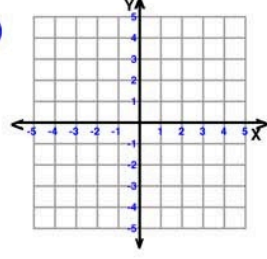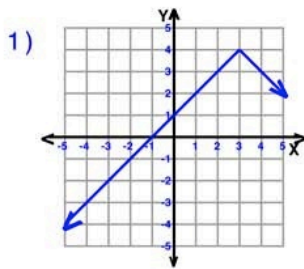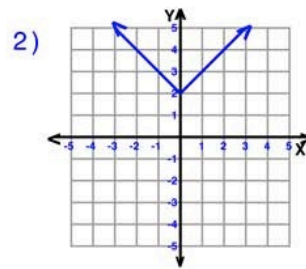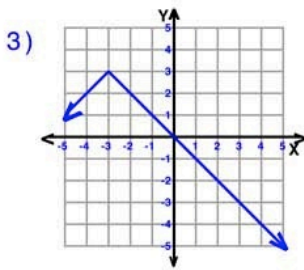1) $y = -|x - 3| + 4$

2) $y = |x| + 2$

3) $y = -|x + 3| + 3$
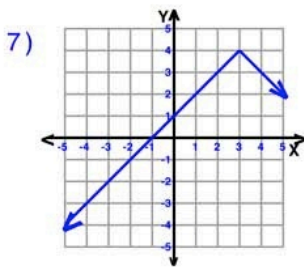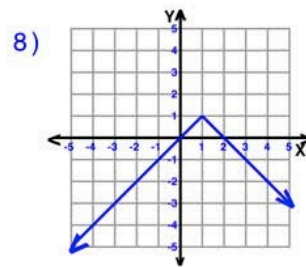
4) $y = |x - 3| - 4$

5) $y = |x + 3| - 4$

6) $y = |x + 1| + 3$

7) $y = -|x - 3| + 4$
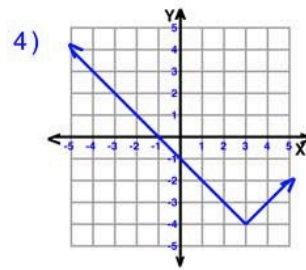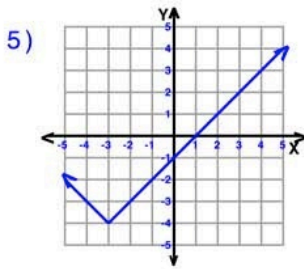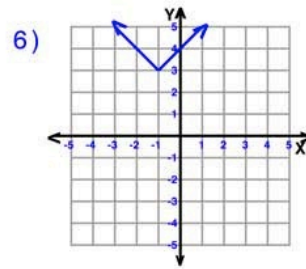
8) $y = -|x - 1| + 1$

KEY CONCEPTS:

Learn to graph absolute value functions. Note this skill also requires introduction to the Coordinate Plane also in the same lesson unit. It is a useful exercise even if it is not used or employed on the exam so instructors should judge accordingly.