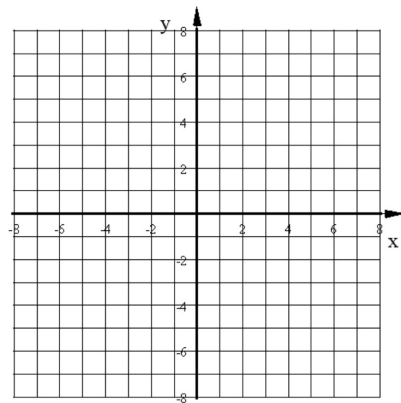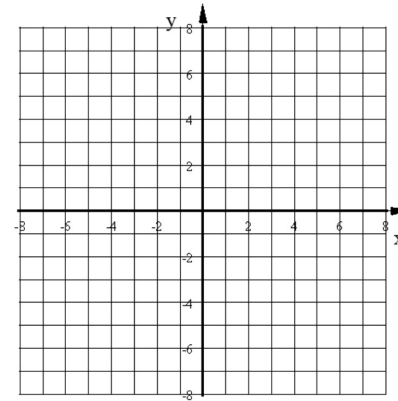1. Graph using at least 5 points. Make sure the whole graph is shown.

$$y = -2(x + 2)^2 + 7$$

2. Graph using at least 5 points. Make sure the whole graph is shown.

$$y = 5|x - 3| - 6$$

3. Write a function rule.

X	Y
−4	15
−2	7.5
0	0
6	−22.5
−22.5	−30

4. Write a function rule.

X	Y
−9	−30.5
−5	−26.5
2	−19.5
13	−8.5
30	8.5