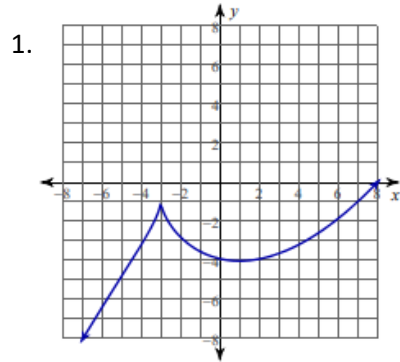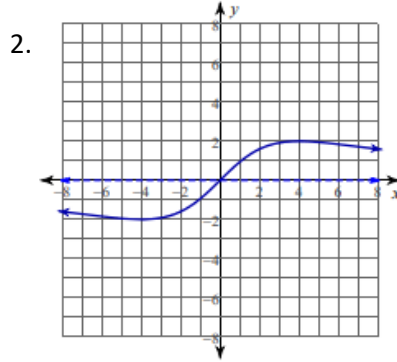**State the Minimum(s), Maximum(s), Min Value(s), Max Value(s), and Identify which Min/Max is the absolute Min/Max by circling it. Approximate when necessary.**
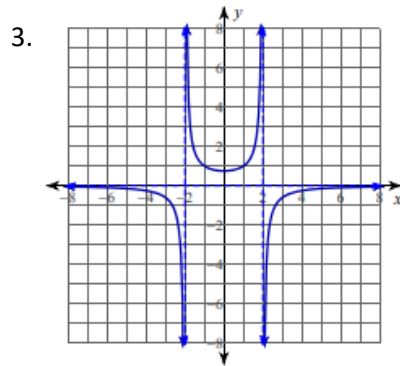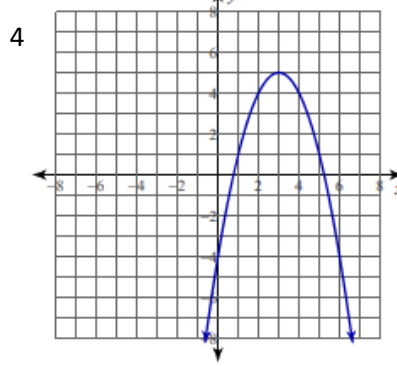
1.

Min(s):

Min Value(s):

Max(s):

Max Value(s):
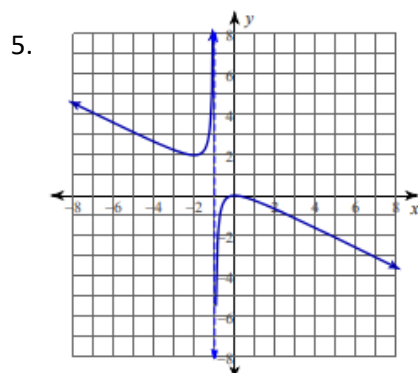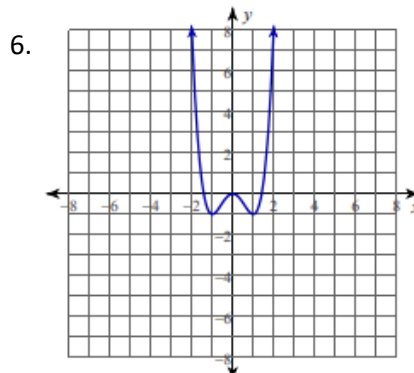
2.

Min(s):

Min Value(s):

Max(s):

Max Value(s):

3.

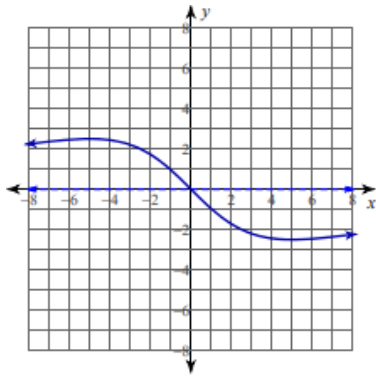Min(s):

Min Value(s):

Max(s):

Max Value(s):

4

Min(s):

Min Value(s):

Max(s):

Max Value(s):

5.

Min(s):

Min Value(s):

Max(s):

Max Value(s):

6.

Min(s):
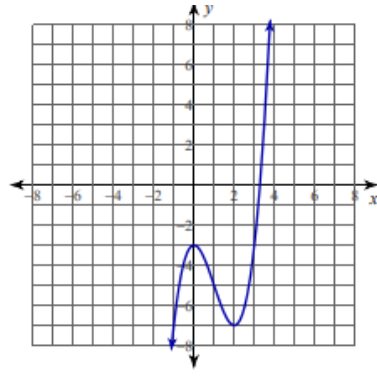
Min Value(s):

Max(s):

Max Value(s):

7.

8.

Min(s):

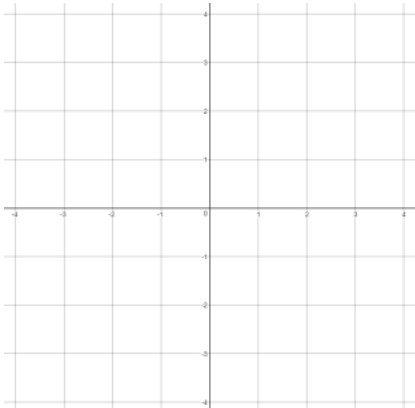Min Value(s):

Max(s):

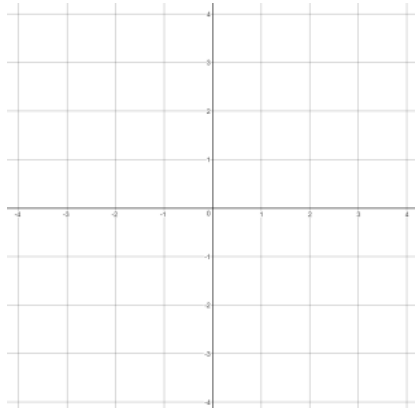Max Value(s):

Min(s):

Min Value(s):

Max(s):

Max Value(s):

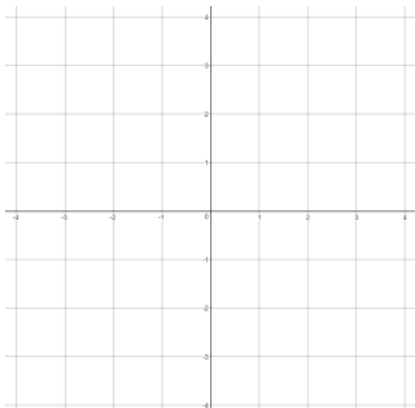**Graph each of the following functions.**

9. $y = -\frac{1}{3}x + 2$

10. $y = \log_3(x - 1) - 3$

11. $y = -\sqrt[3]{x + 2}$

12. $y = 2(x + 3)^2 - 1$