Secondary Math 2   Name_____

5.6 Writing Equations from Graphs

Date_____ Period_____

Write the equation of the graph in each of its forms.

1)

2) a. Vertex form:

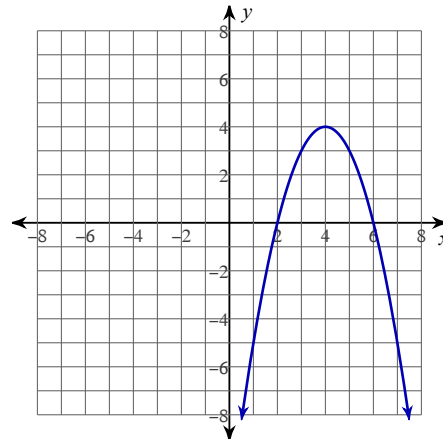   b. Intercept form:

    c. Standard form:

3) a. Vertex form:
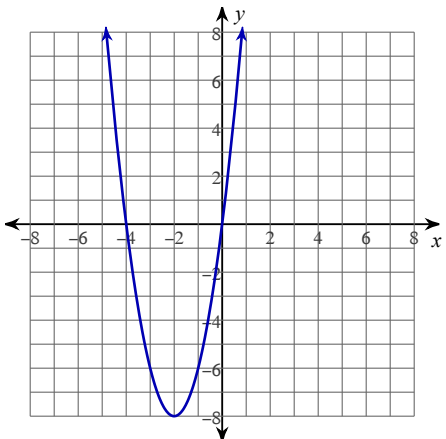

    b. Intercept form:

    c. Standard form:

4)

5)

6) a. Vertex form:

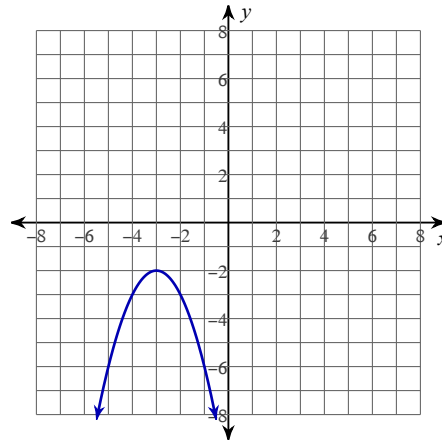   b. Intercept form:

    c. Standard form:

7) a. Vertex form:

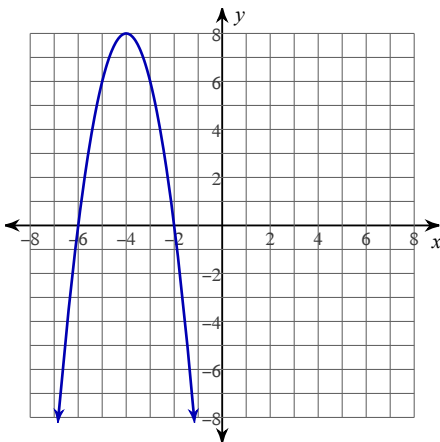   b. Intercept form:

    c. Standard form:
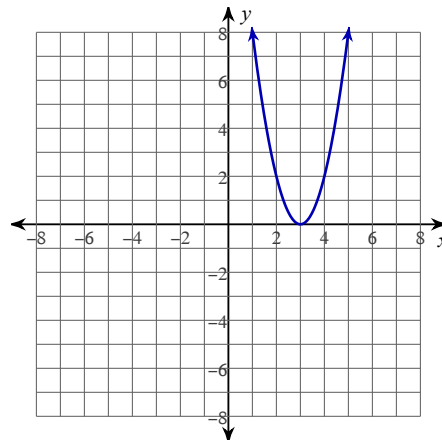
8)

9)

10) a. Vertex form:

    b. Intercept form:

    c. Standard form:

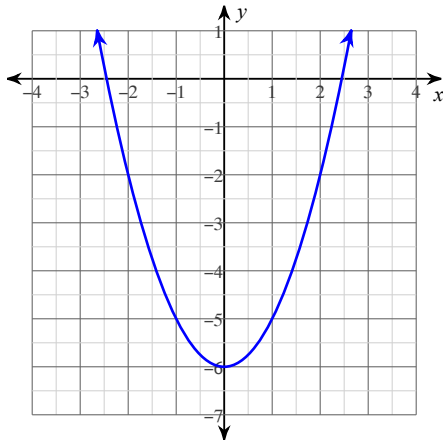11) a. Vertex form:

    b. Intercept form:

    c. Standard form:

12)

Write the equation in any form. Then identify the key features. Approximate where necessary.

13)

14) a. x-intercept(s):   b. y-intercept:

      c. axis of symmetry:

      d. vertex:

      e. Max/Min Value:

      f. Direction of Opening

      g. Domain: h. Range:

      i. Increasing: j. Decreasing:

      k. Positive: l. Negative:

      m. End behavior:

15) a. x-intercept(s):   b. y-intercept:

      c. axis of symmetry:

      d. vertex:

      e. Max/Min Value:

      f. Direction of Opening

      g. Domain: h. Range:

      i. Increasing: j. Decreasing:

      k. Positive: l. Negative:

      m. End behavior:

16)