Algebra I Honors

Graphing Patterns 2

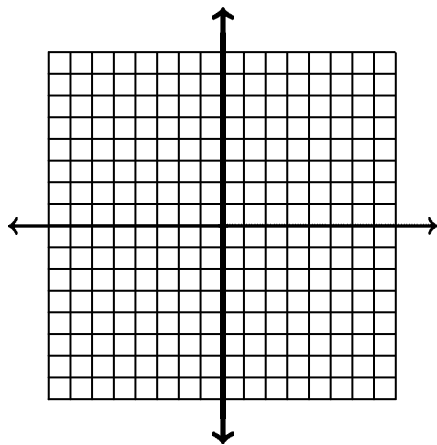Name _____   Date _____

1.   a)   Graph the points $(-8, -8)$, $(0, 8)$ on the grid below.

   b)   Plot as many other points as you can which belong with those two
   points. Write ordered pairs for the points you added.

   c)   How did you know where to add the additional points?

   _____

   _____

   d)   Write a function for y in terms of x that works for all the
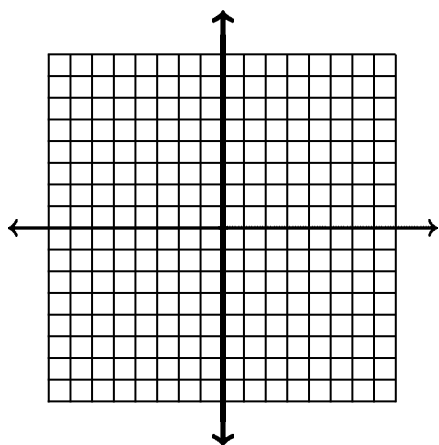   points on the graph.
   Function _____

2. a) Graph the points $(0, -7)$, $(-4, 8)$ on the grid below.

b) Plot as many other points as you can which belong with those two
points. Write ordered pairs for the points you added.

c) How did you know where to add the additional points?

_____

_____

d) Write a function for y in terms of x that works for all the
points on the graph.
Function _____

3.   a)   Graph the points $(8,8)$, $(7,-2)$ on the grid below.

   b)   Plot as many other points as you can which belong with those two
   points. Write ordered pairs for the points you added.

   c)   How did you know where to add the additional points?
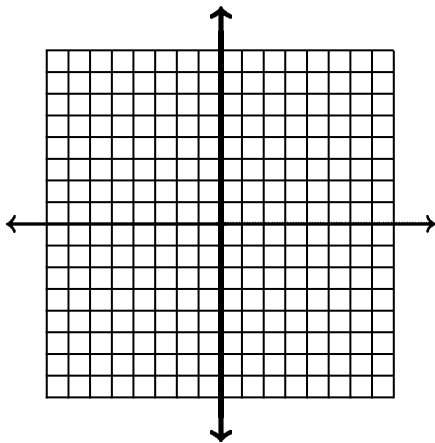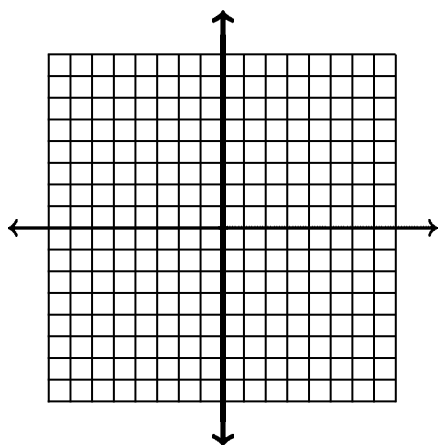
   _____

   _____

   d)   Write a function for y in terms of x that works for all the
   points on the graph.
   Function _____

4. a)   Graph the points $(-4,2)$, $(4,0)$ on the grid below.

b)   Plot as many other points as you can which belong with those two
points. Write ordered pairs for the points you added.

c)   How did you know where to add the additional points?

_____

_____

d)   Write a function for y in terms of x that works for all the
points on the graph.
Function _____

Algebra I Honors   Graphing Patterns 2   10/23/2006

Answer List

1.   2.   3.

4.

Catalog List

1.   2.   3.

4.