

Topic 2.6  
Special Functions  
Homework

Name: \_\_\_\_\_

Date: \_\_\_\_\_

If  $h(x) = [3x + 4]$ , find each value.

1.  $h(4)$

2.  $h(-3)$

3.  $h(1.3)$

4.  $h(-1.7)$

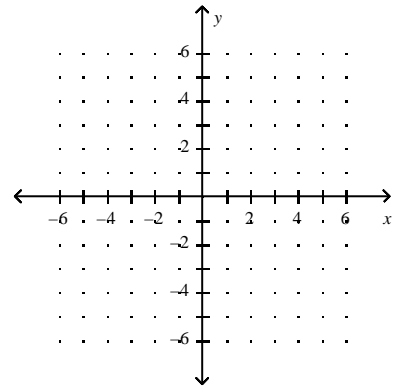
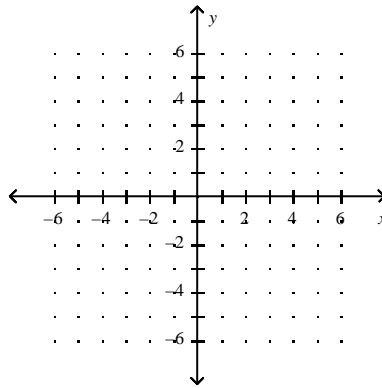
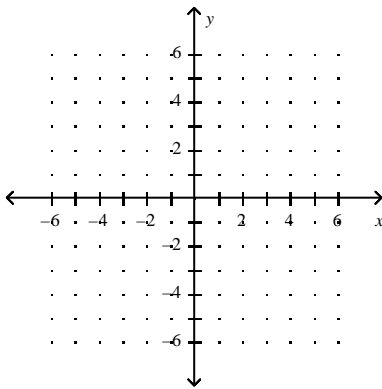
5.  $h(7.6)$

Identify each function as D (direct variation), A (absolute value), or G (greatest integer). Also, graph each function.

6.  $f(x) = 3x + 1$

7.  $g(x) = |\frac{1}{2}x + 1|$

8.  $h(x) = [x + \frac{1}{2}]$



9.  $h(x) = |2x - 1|$

10.  $f(x) = [\frac{2}{5}x + 1]$

11.  $g(x) = [x] - 1$

