

Function Notation

Directions: For questions 1 through 3, find $f(-2)$.

1. $f(x) = 4x - 5$

2. $f(x) = \frac{3}{2}x - 1$

3. $f(x) = -1$

4. If $f(x) = -10x + 4$, find x if $f(x) = -16$.

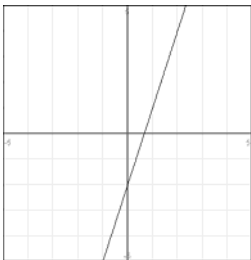
Directions: For questions 5 and 6, graph each function.

5. $f(x) = -\frac{3}{2}x + 4$.

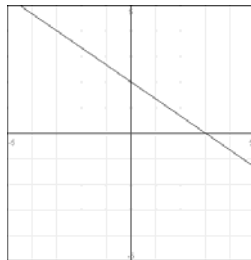
6. $f(x) = \frac{1}{2}$.

Directions: For questions 7 through 9, write the equation of the graph in function notation.

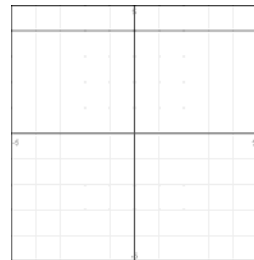
7.



8.



9.



10. Write the equation of the graph in function notation if $f(3) = -4$ and $f(-1) = 2$.