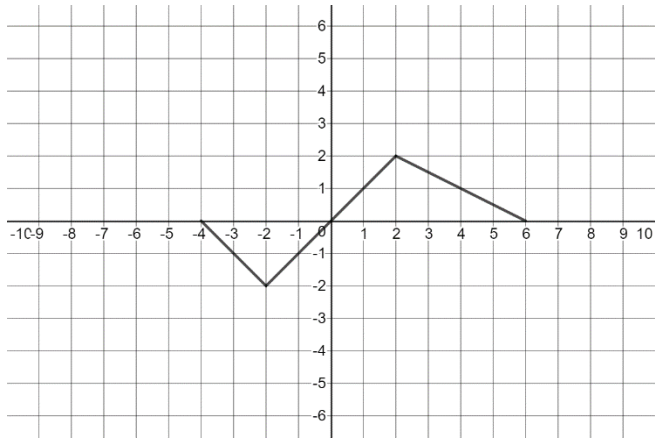


The graph of  $f(x)$  is given on each grid below. Graph each of the following.

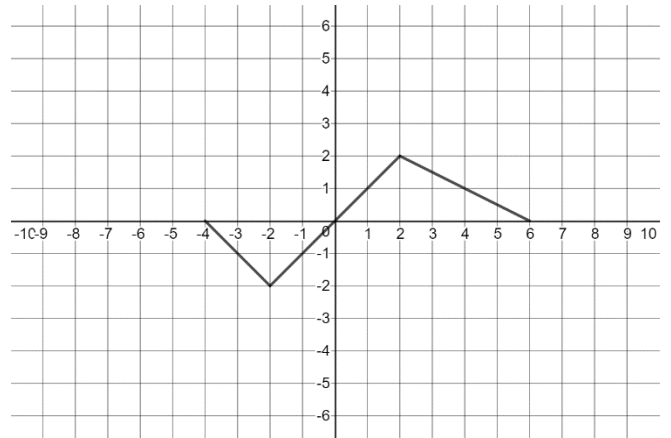
1.  $f(x) + 4$



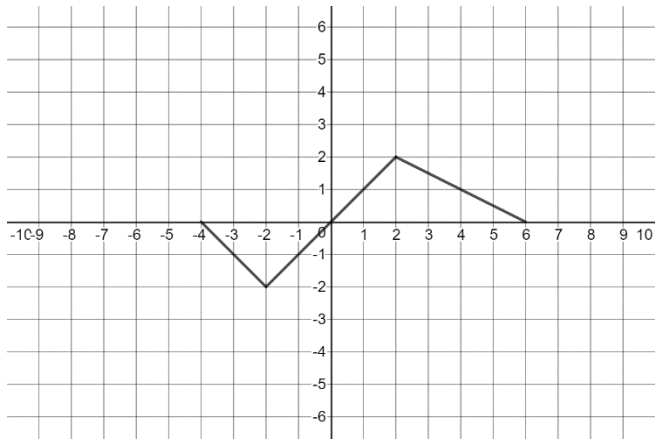
2.  $f(x) - 5$

3.  $f(x - 4)$

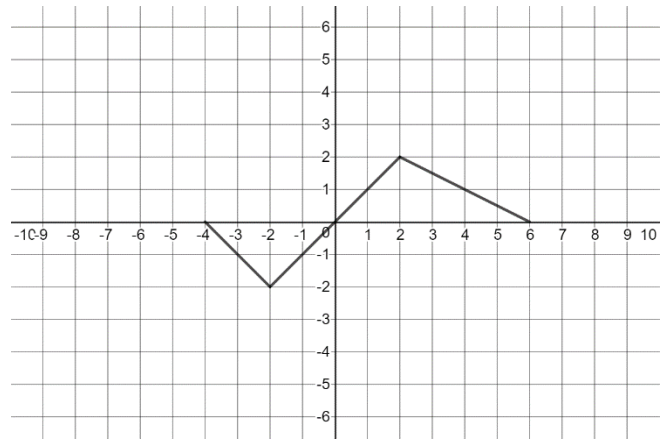
4.  $f(x + 3)$



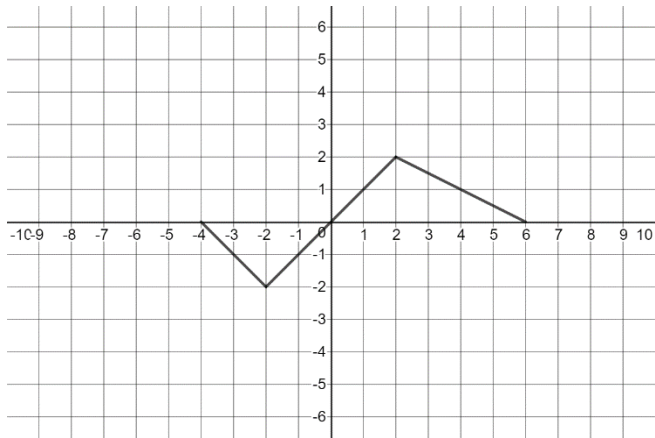
5.  $f(x - 3) + 2$



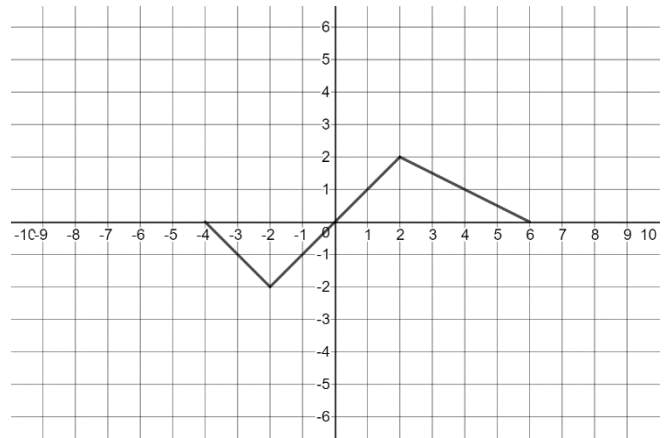
6.  $-f(x)$



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

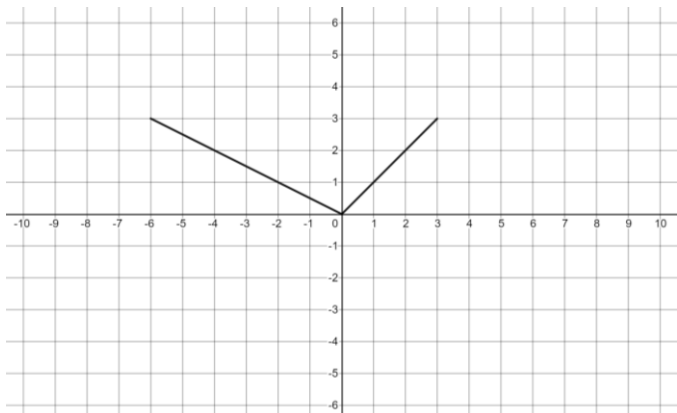


8.  $3f(x)$



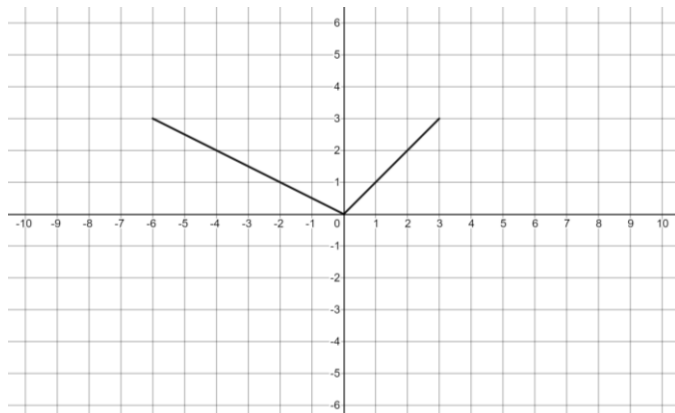
**HOMEWORK** - The graph of  $f(x)$  is given on each grid below. Graph each of the following.

1.  $f(x) - 2$



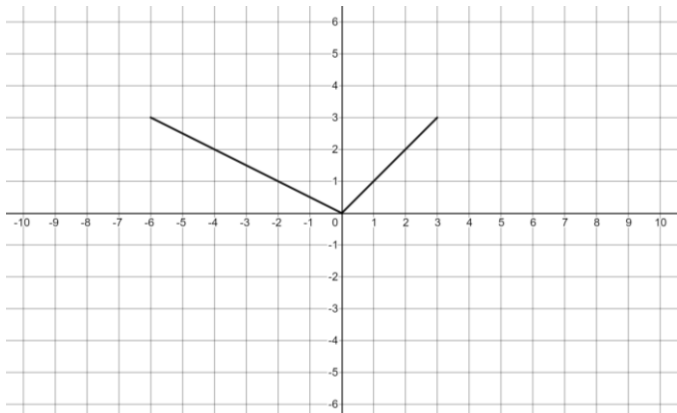
2.  $f(x) + 3$

3.  $f(x + 3)$



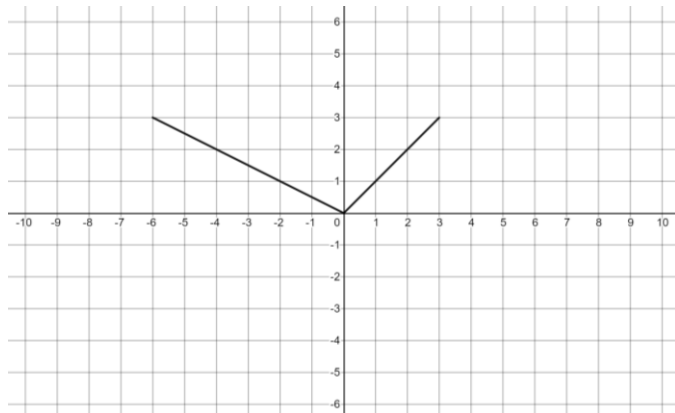
4.  $f(x - 5)$

5.  $f(x + 2) - 1$



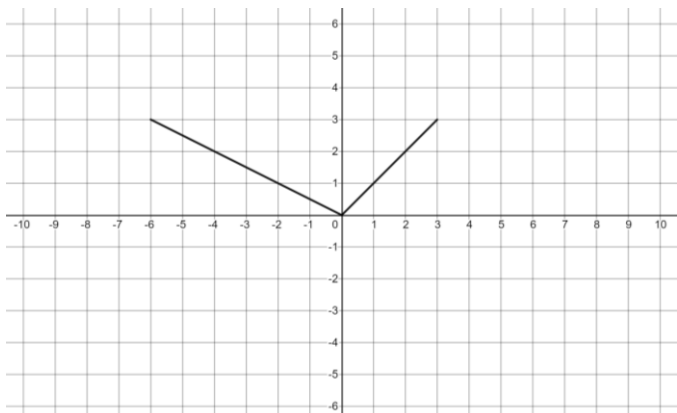
6.  $f(x - 5) + 4$

7.  $-f(x)$



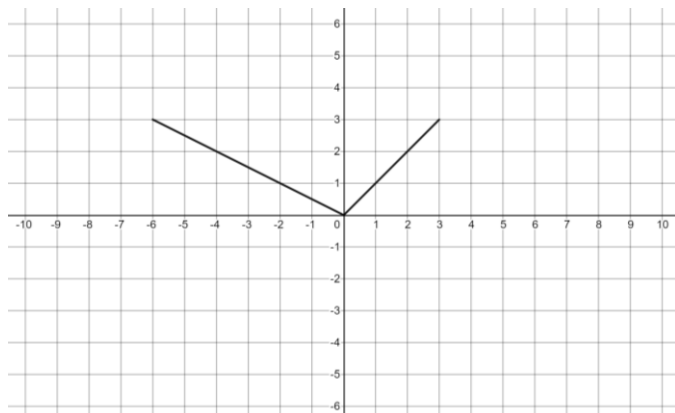
8.  $-f(x - 6) + 5$

9.  $2f(x)$



10.  $2f(x) - 4$

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



12.  $\frac{1}{2}f(x + 4)$