## Graph the following.
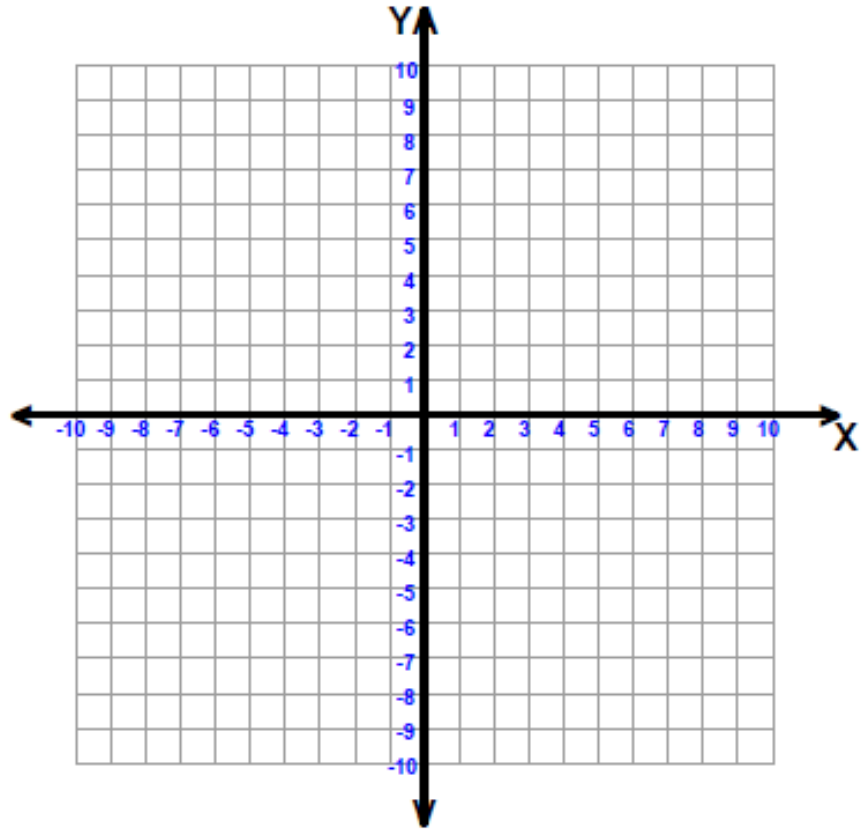
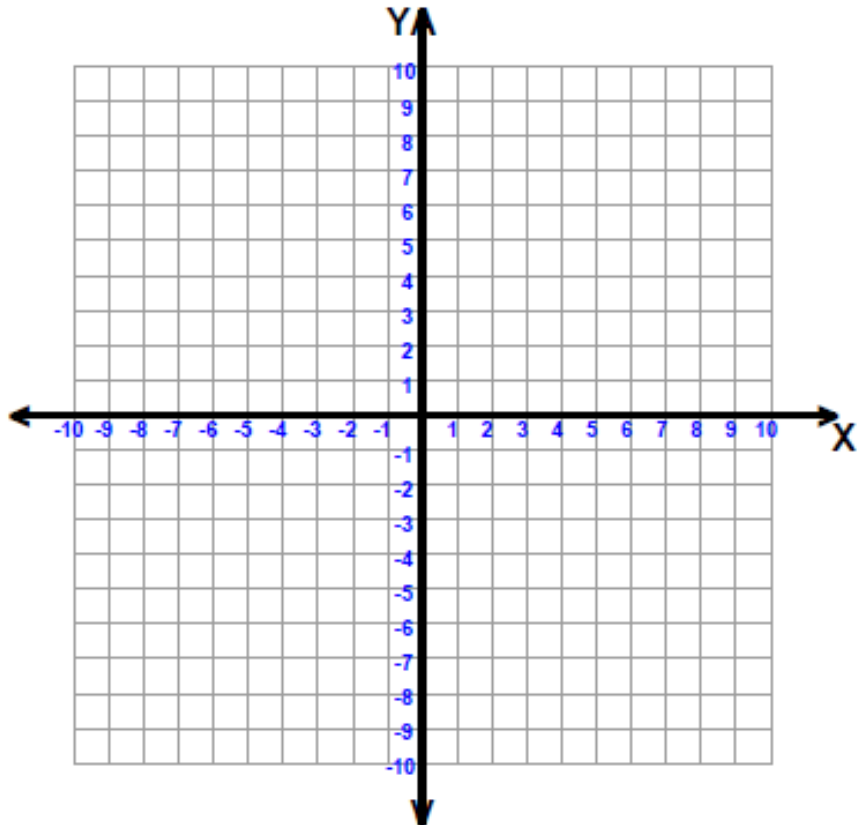1.  $f(x) = -2x - 1$

What is the $y-$intercept?

$f(2) = y$, find $y$.



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

What is the $x-$intercept?
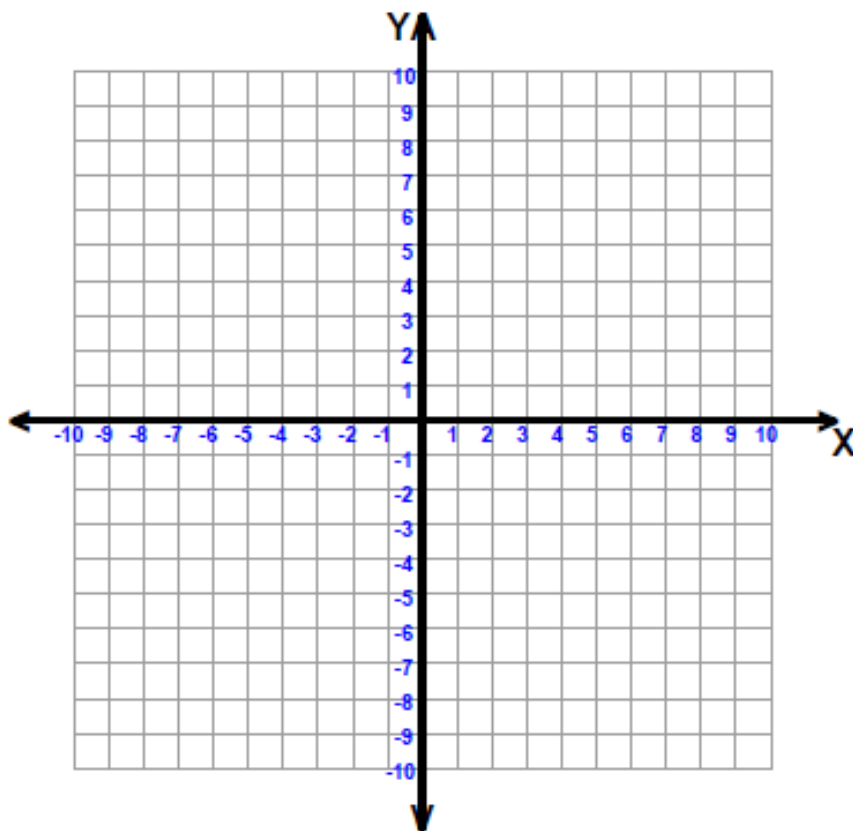
$f(x) = 3$, find $x$.
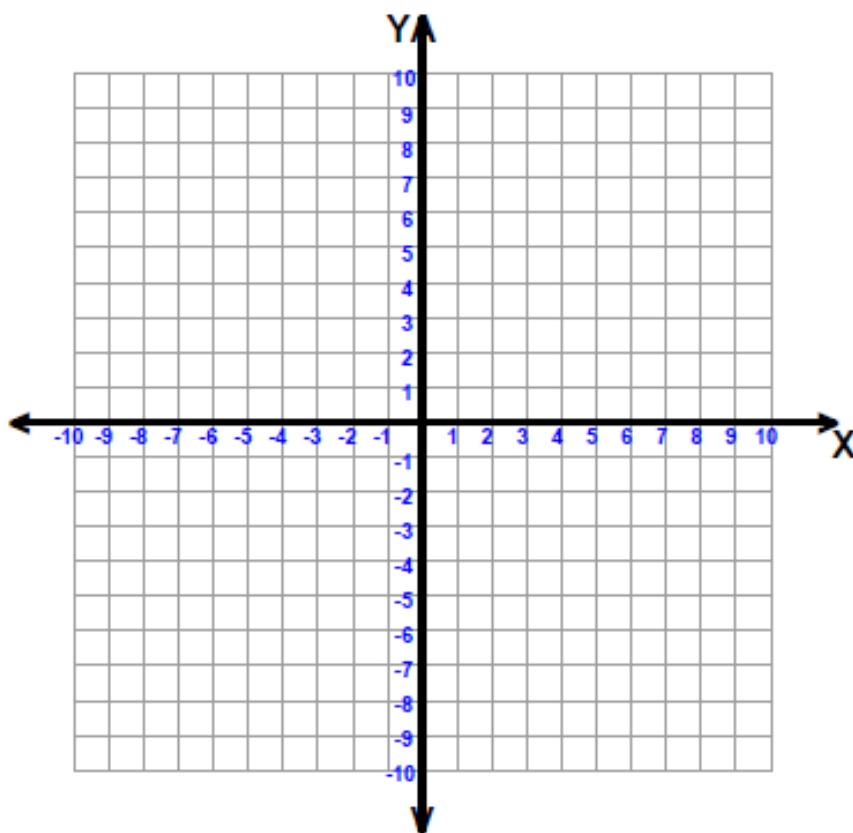
3.  $f(x) = -x + 7$

What is the $y-$intercept?

$f(x) = -2$, find $x$.



4.  $f(x) = 4x - 8$
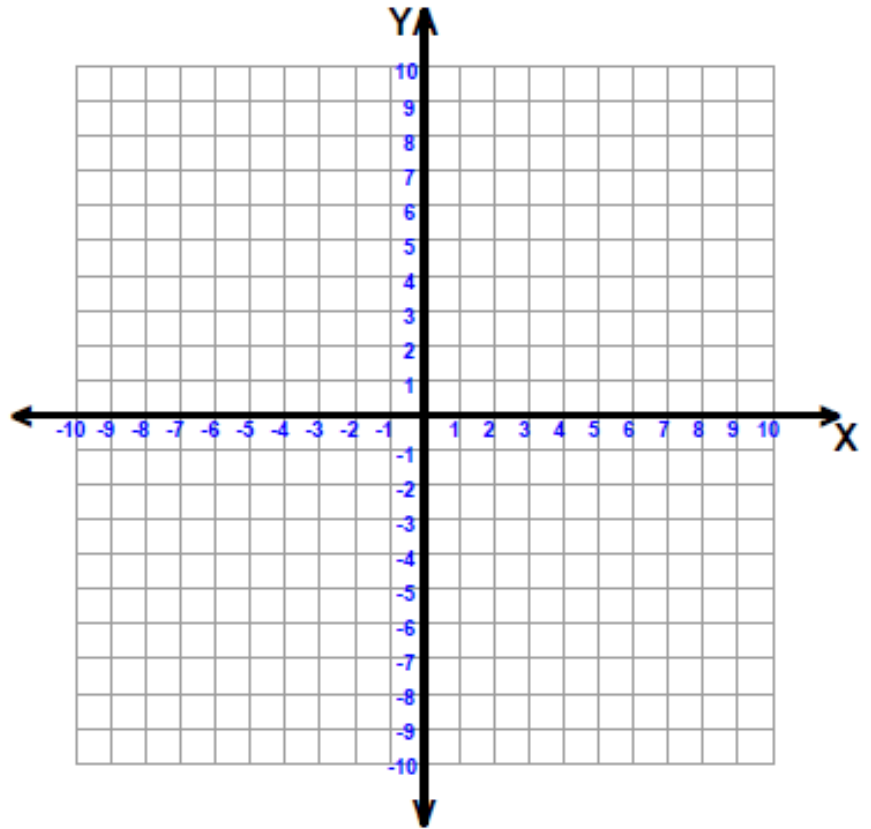
What is the $x-$intercept?

$f(2) = y$, find $y$.

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

What is the $x-$intercept?

$f(x) = 2$, find $x$.



6.  $f(x) = -\frac{2}{3}x - 6$

What is the $y-$intercept?

$f(12) = y$, find $y$.