

NAME: _____

HW – ABSOLUTE VALUE GRAPHS

DATE: _____

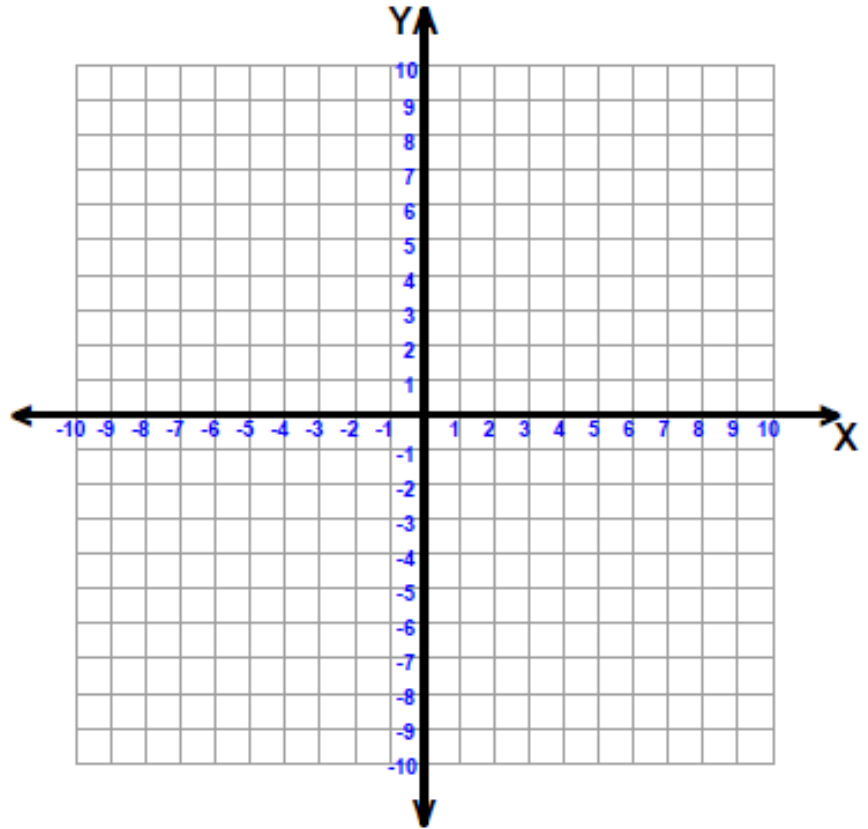
ALGEBRA 1A

Graph the following.

1. $f(x) = |x| - 3$

What is the vertex?

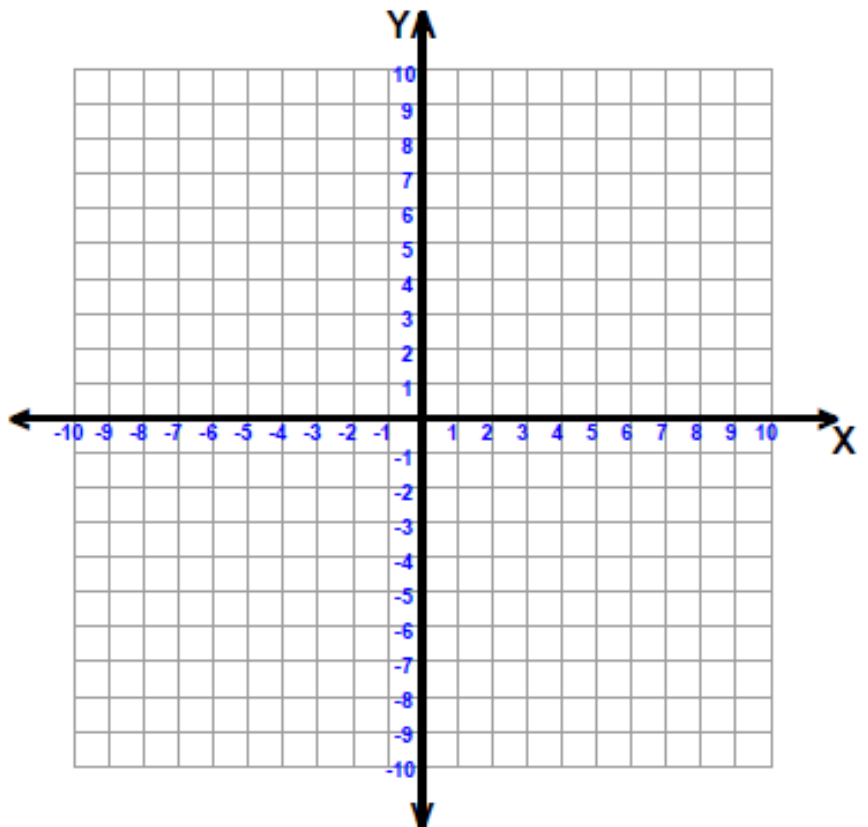
$f(4) =$



2. $f(x) = |x - 4| + 2$

What are the x-intercepts?

$f(x) = 5, x =$

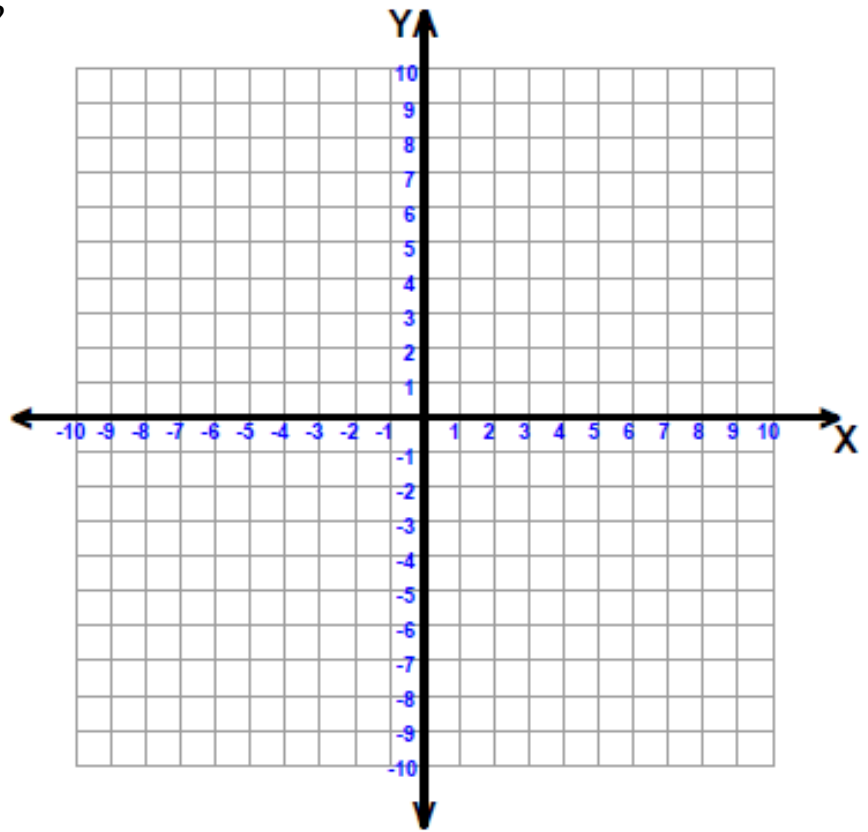


3. $f(x) = -|x + 4| + 1$

What is the axis of symmetry?

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

What is the y-intercept?

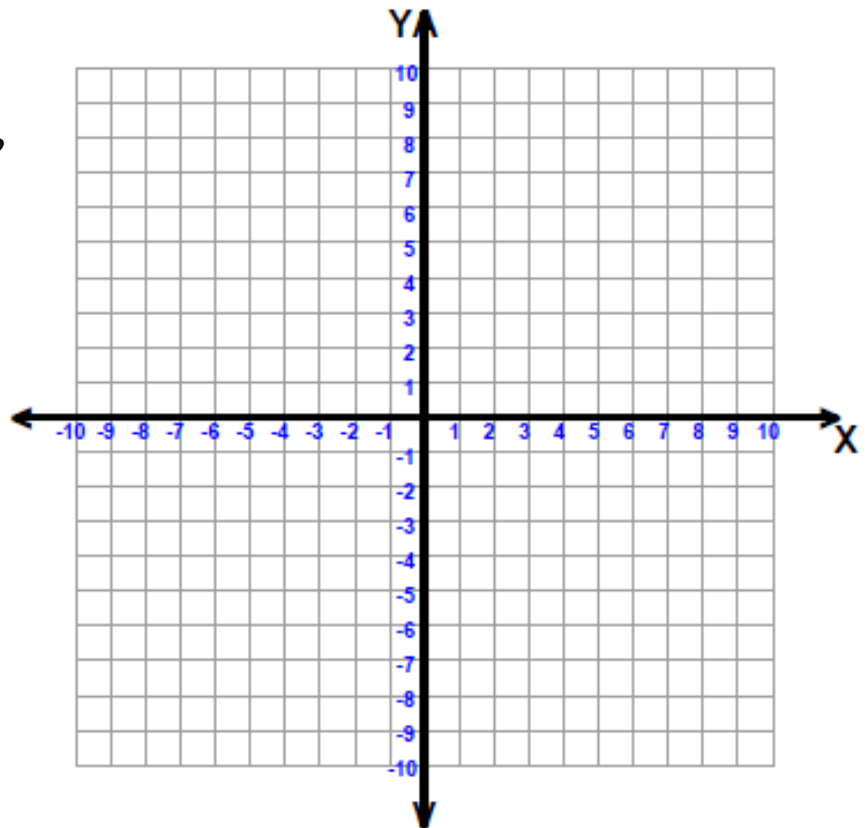


4. $f(x) = |x - 3| + 4$

What is the y-intercept?

$f(7) =$

What is the axis of symmetry?

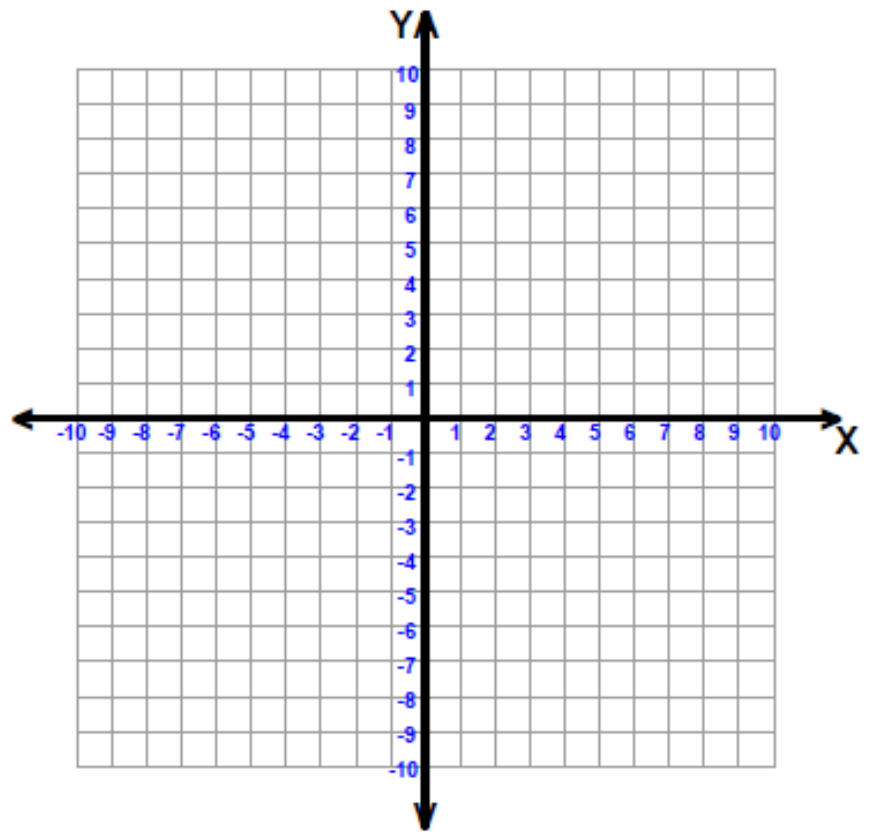


5. $f(x) = 2|x - 2|$

What are the x-intercepts?

What is the vertex?

$f(x) = 6, x =$



6. $f(x) = -|x + 3| - 2$

What is the vertex?

What is the y-intercept?

$f(-11) =$

