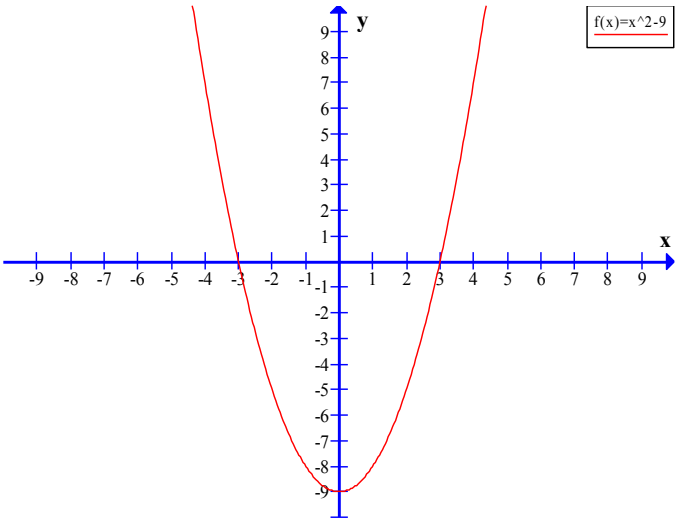
2.1 Practice Problems

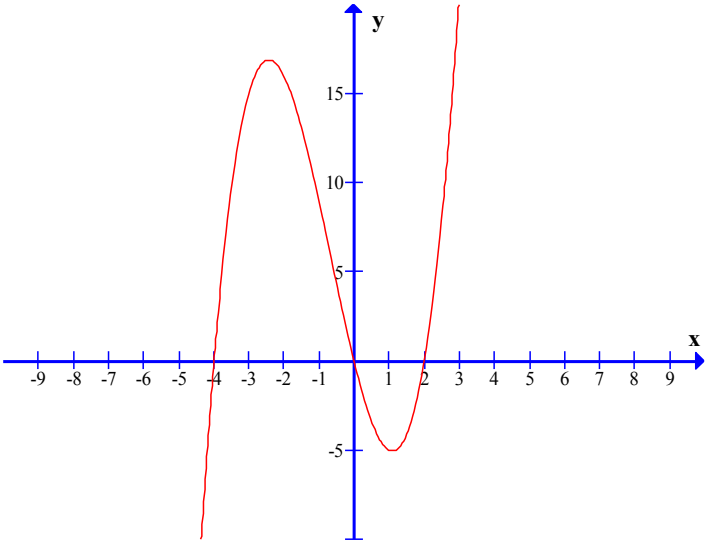
1. a. Use the graph to find the x-intercepts.

b. Use the graph to find the y-intercepts.



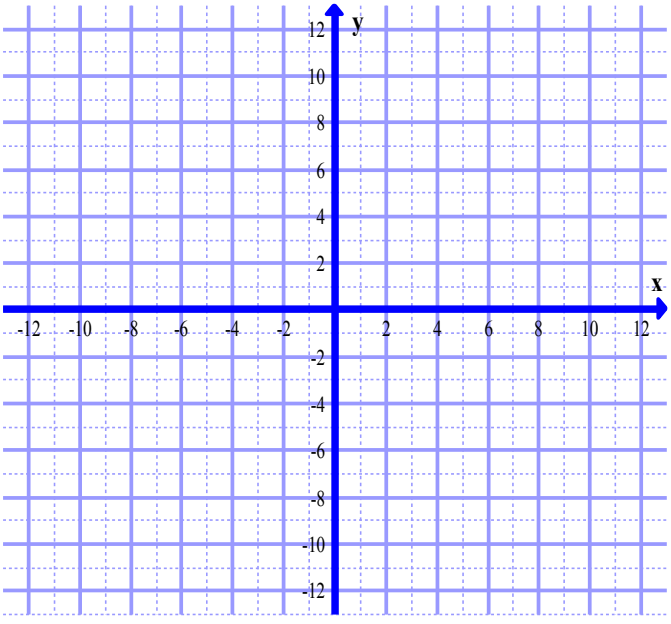
2. a. Use the graph to find the x-intercepts.

b. Use the graph to find the y-intercepts.

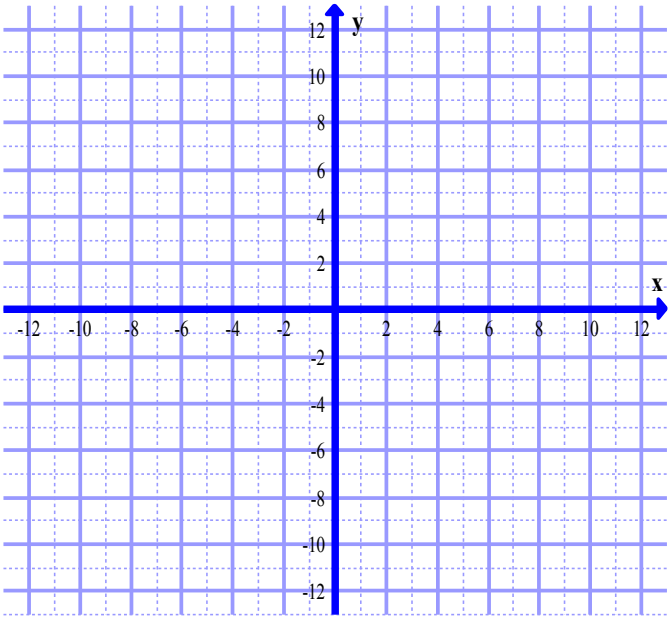


3. Graph the linear equation using intercepts.

$4x-5y=20$



4. For the equation $y=-2(x-3)^2+8$ find the x and y intercepts and graph the equation. You may need to find additional points.



5. For the following equations, find the intercepts and test for symmetry.

a) $y=x^4-16$

b) $25x^2+4y^2=100$

c) $y=x^3-8$

d) $y^2=x+1$