Determine whether the given points are on the graph of the given equation.

y = 2x – 3 

(0, -3) (1, 1) (5, 7) (0, 0) (1, 1) (-1, 0)

Graph. Include any intercepts.

 y = 3x + 5 y = x2 – 1

 

Using the given point, name another point on the graph of a function with the given symmetry.

x-axis y-axis origin

(3, 4) \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_

Test the given equations for symmetry with respect to the x-axis, the y-axis, or the origin.

y = 4x x = y2 y = |x| y = x3

 x2 + y2 = 16

Key equations (“Building Blocks”)

y = x y = |x|  y = x2 y = x3

 x = y2  y = int(x)