

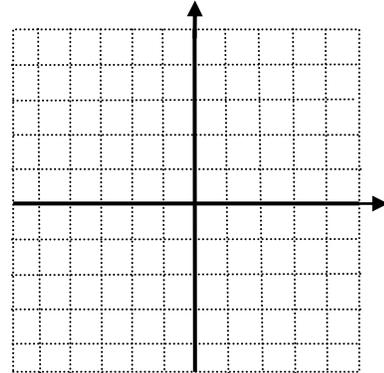
The Cartesian Plane

1. For each of the following equations, make a table of values and then graph the relationship.

a) $y = 3x - 5$

b) $y = -2x + 5$

c) $2y = -4x + 8$



2. Using the graph paper given, and holding the paper horizontally, plot each point on the axes and connect them in order. Do not connect the shapes to each other.

Shape 1

(0, -11)

(18, 7)

(11, 12)

(-11, 12)

(-18, 7)

(0, -11)

Shape 2

(0, -9)

(5, -4)

(1, -5)

(-1, -5)

(-5, -4)

(0, -9)

Shape 3

(0, -2)

(5, -2)

(8, -1)

(7, 0)

(1, 1)

(-6, 1)

(-11, 2)

(-7, -2)

(-5, -1)

(-2, -1)

(0, -2)

Shape 4

(8, 5)

(11, 4)

(12, 3)

(16, 7)

(12, 10)

(12, 7)

(6, 7)

(6, 8)

(4, 10)

(-4, 10)

(-6, 9)

(-7, 8)

(-7, 7)

(-6, 6)

(-4, 5)

(8, 5)

Shape 5

(7, 10)

(8, 11)

(7, 11)

(7, 10)

Shape 6

(-7, 11)

(-10, 11)

(-16, 7)

(-12, 3)

(-13, 5)

(-12, 7)

(-9, 10)

(-7, 11)