



- Plot the points on the grid above using the coordinates below.
- Using a ruler, join them up as you go to make 6 separate shapes.

Shape A

(-6, 2)
 (-6, 5)
 (-1, 6)
 (-6, 2)

Shape C

(3, 3)
 (5, 6)
 (7, 3)
 (5, 3)
 (3, 3)

Shape E

(9, -5)
 (4, -6)
 (4, -3)
 (9, 1)
 (9, -5)

Shape B

(-8, 2)
 (-6, 0)
 (-8, 0)
 (-8, -1)
 (-10, -1)
 (-10, 0)
 (-8, 2)

Shape D

(3, 1)
 (1, 0)
 (-1, 1)
 (-3, -2)
 (-1, -1)
 (1, -2)
 (3, 1)

Shape F

(-6, -4)
 (-4, -6)
 (-2, -4)
 (-2, -3)
 (-4, -3)
 (-4, -4)
 (-6, -4)

Extra

"The area of shape A = $\frac{1}{3}$ of the area of shape E" -Is this true?

What other mathematical relationships can you find between the shapes?