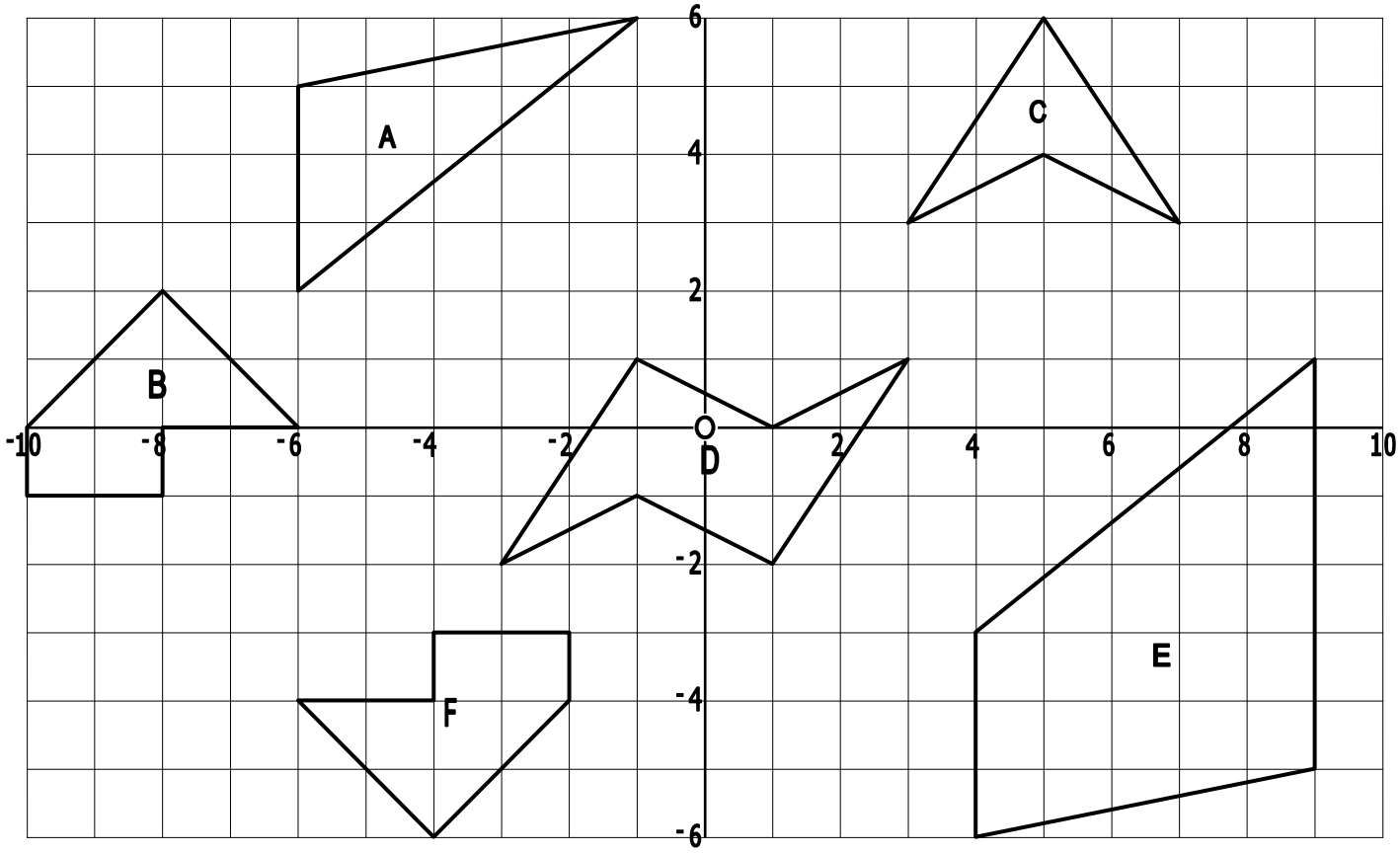
Coordinates (4)



- 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 B

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

Shape C

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

Shape D

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

Shape E

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

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?