

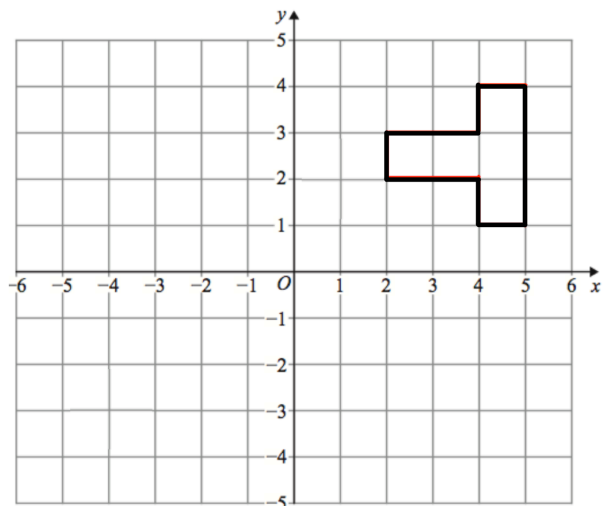


Work out $125^{\frac{2}{3}}$

A bag contains red, white, green and pink sweets.
 The ratio of red sweets to pink sweets is 3:7.
 The ratio of white to green sweets is 2:11.
 The ratio of green to red sweets is 1:3.

Work out the smallest possible number of sweets in the bag.

Enlarge the triangle using scale factor -2 using $(2, 2)$ as the centre of enlargement.



Make w the subject

$$g = \frac{w}{w - 5}$$

A class of 25 boys and 5 girls sit a test.

The mean mark for the whole class is 82.

The mean mark for boys is 84.

Work out the mean mark for the girls