

16th March



Corbettmaths

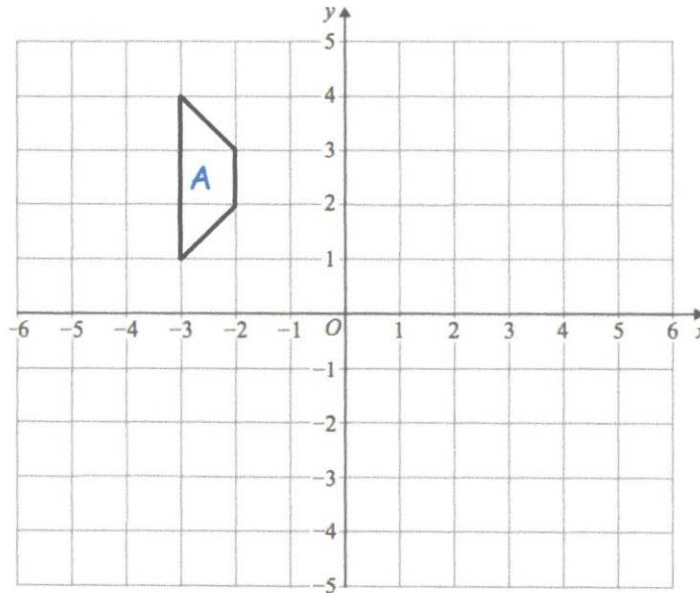
The first four terms in a sequence are

2 5 8 11
+3

If the 19th term in the sequence is 56. What is the 23rd?

term 19th 20th 21st 22nd 23rd
56 59 62 65 68

68



Rotate trapezium A 90° anti-clockwise about the origin.

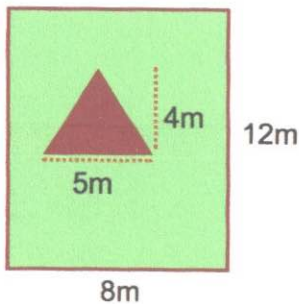
Number of cats	Number of children
0	6
1	13
2	7
3	3
4	1

+ 1
30

f x
0
13
14
9
4
40

Calculate the mean number of cats owned per child.

$$40 \div 30 = 1.333...$$



Calculate the area of the garden that is grass.

$$8 \times 12 = 96 \text{ m}^2$$

$$\frac{1}{2}(5 \times 4) = 10 \text{ m}^2$$

$$96 - 10 = 86 \text{ m}^2$$