

Name: _____

5-a-day

Higher

29th May



Corbettmaths

The base of a pyramid has n sides.

Write an expression for the number of vertices the pyramid has.

Solve

$$\frac{4x + 9}{15} - \frac{x - 3}{5} = 1$$

25 boys and 5 girls sit a class 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

Megan has drawn a picture with triangles and rectangles. Some shapes are red and the others are blue.

The ratio of red to blue shapes is 4:5

The ratio of red triangles to red rectangles is 1:3

The ratio of blue triangles to blue rectangles is 3:7

What fraction of all the shapes are triangles?

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