Name: _____ 5-a-day Foundation Plus

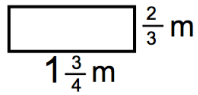
14th July

Corbettmaths

Jessica wants to attach ribbon around her wardrobe.

She has 4 metres of ribbon.

How much more does she need?
Give your answer as a fraction.

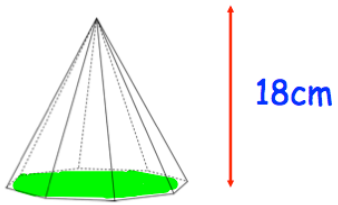


A newspaper says the number of people at a football match is 40,000.
This is correct to the nearest 1000.

What is the lowest possible number of people at the match?

Factorise

$y^2 + 8y + x^2y$



An octagon-based pyramid has a height of 18cm.
The area of the octagon base is 20cm²
Calculate the volume of the pyramid.

The population of a town in 1930 was 400.

Every 10 years the population of the town increases by 10%.

Work out the population in 2020.

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$\frac{2}{3}$ m
$1\frac{3}{4}$ m

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18cm

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