

Name: _____

5-a-day

Foundation Plus

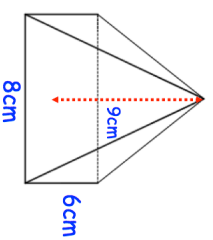
26th July

Factorise $x^2 - 7x + 12$



The ratio of teachers to children needed on a school trip is 1 : 7
81 children want to go on the trip.
What is the smallest number of teachers needed?

Calculate the volume of the pyramid.



Solve $y^2 - 7y - 18 = 0$

A radioactive substance decays over time.
Every year its mass decreases by 14%.
How many years will it take for 500kg of the substance to decay to a mass less than 200kg?

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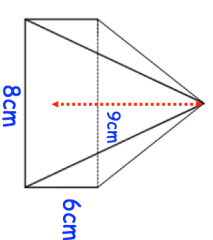
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