

CYLINDERS

Pearson Edexcel - Tuesday 11 June 2019 - Paper 3 (Calculator) Foundation Tier

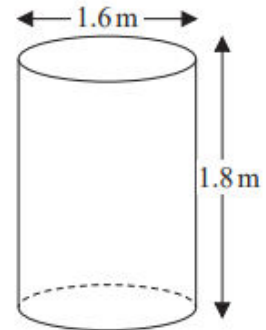
1.

29 Jeremy has to cover 3 tanks completely with paint.

Each tank is in the shape of a cylinder with a top and a bottom.
The tank has a diameter of 1.6 m and a height of 1.8 m.

Jeremy has 7 tins of paint.
Each tin of paint covers 5 m^2

Has Jeremy got enough paint to cover completely the 3 tanks?
You must show how you get your answer.



(Total for Question 29 is 5 marks)

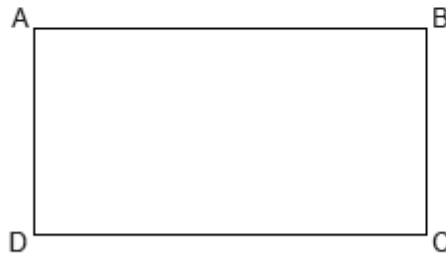
2.

2 (a) Write down the mathematical name of this solid.



(a) [1]

(b) ABCD is a rectangle.



Not to scale

Add the correct mathematical symbol to the diagram to show that angle BCD is a right angle. [1]