

DO NOT WRITE IN THIS AREA

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15  $P$  and  $Q$  are two similar pyramids.

$P$  has volume  $400 \text{ cm}^3$  and surface area  $360 \text{ cm}^2$

$Q$  has volume  $1350 \text{ cm}^3$

Calculate the surface area of  $Q$ .

.....  $\text{cm}^2$

(Total for Question 15 is 3 marks)

16 Simplify fully  $\frac{2x^2 + 9x - 5}{12x^2 - 3}$

.....

(Total for Question 16 is 3 marks)

