

DO NOT WRITE IN THIS AREA

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- 2** A square based pyramid has a perpendicular height of 150 cm.

The length of a diagonal of the square base is $400\sqrt{2}$ cm.

Calculate the volume, **in m³**, of the pyramid.

$$\left[\text{Volume of a pyramid} = \frac{1}{3} \times \text{base area} \times \text{height} \right]$$

(Total for Question 2 is 4 marks)

