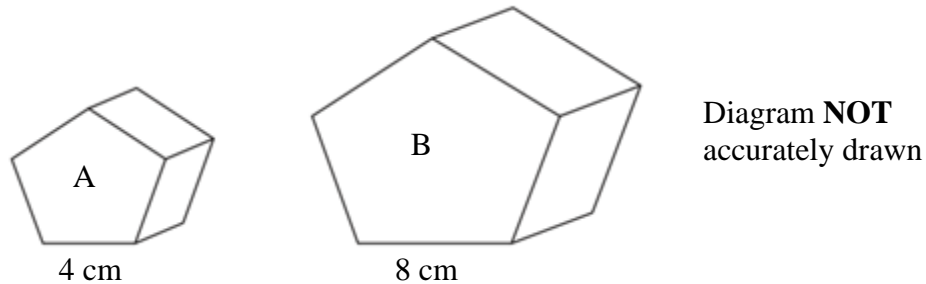


### PRACTICE QUESTION – TOTAL 4 MARKS

The diagram shows two similar solids, A and B.



Solid A has a volume of  $80 \text{ cm}^3$ .

(a) Work out the volume of solid B.

..... ( $\text{cm}^3$ ) (2)

Solid B has a total surface area of  $160 \text{ cm}^2$ .

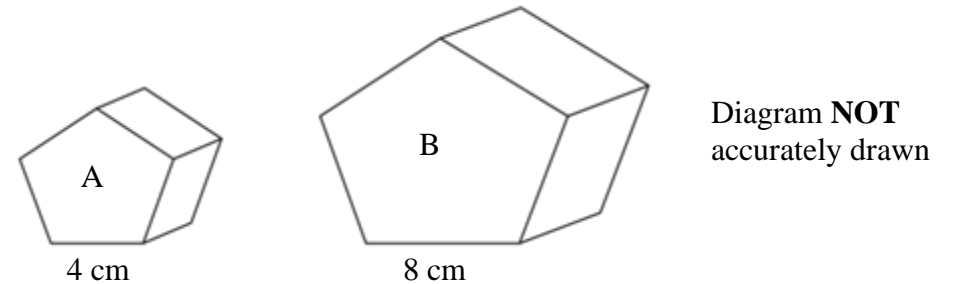
(b) Work out the total surface area of solid A.

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

*Question 25 from November 2012, IMA0/1H*

### PRACTICE QUESTION – TOTAL 4 MARKS

The diagram shows two similar solids, A and B.



Solid A has a volume of  $80 \text{ cm}^3$ .

(a) Work out the volume of solid B.

..... ( $\text{cm}^3$ ) (2)

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(b) Work out the total surface area of solid A.

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

*Question 25 from November 2012, IMA0/1H*