

21

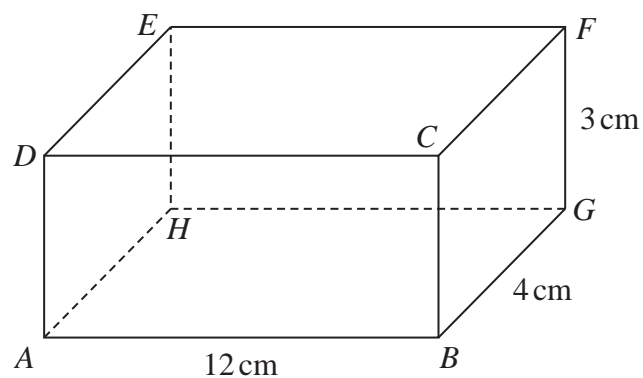


Diagram **NOT**
accurately drawn

The diagram shows the cuboid $ABCDEFGH$

$$AB = 12 \text{ cm} \quad BG = 4 \text{ cm} \quad FG = 3 \text{ cm}$$

(a) Show that $AF = 13 \text{ cm}$

(3)

(b) Find, in degrees to one decimal place, the size of angle GAF

$$\angle GAF = \dots\dots\dots^\circ$$

(2)

(Total for Question 21 is 5 marks)



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