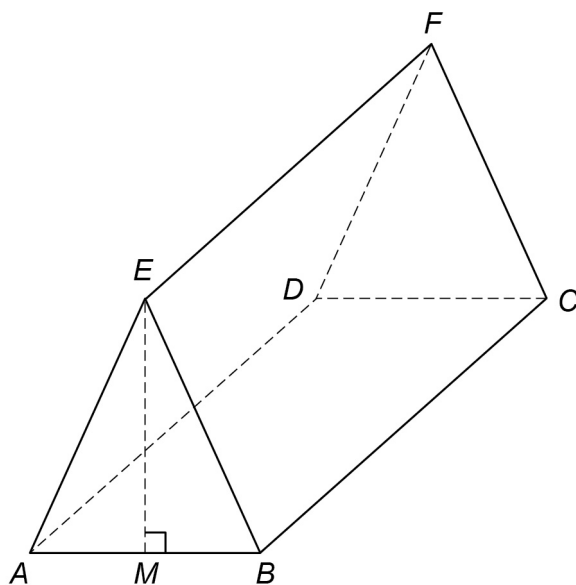


25 Rectangle $ABCD$ is the horizontal base of a triangular prism $ABCDEF$.

$$AE = BE$$

E is vertically above M , the midpoint of AB .

$$AB = 16 \text{ cm} \quad AE = 17 \text{ cm} \quad BC = 30 \text{ cm}$$



25 (a) Show that $EM = 15 \text{ cm}$

[2 marks]



[4 marks]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Answer _____ degrees

6

Turn over ►

