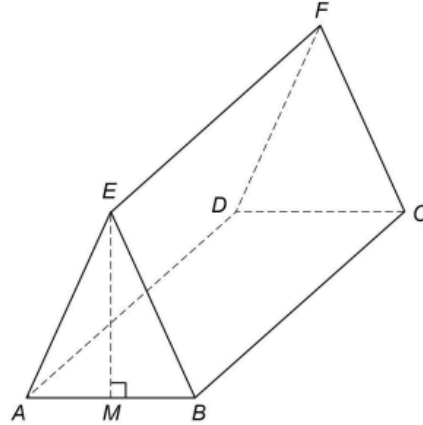


Q1. (2017)

- 25** Rectangle $ABCD$ is the horizontal base of a triangular prism $ABCDEF$.
 $AE = BE$
 E is vertically above M , the midpoint of AB .
 $AB = 16$ cm $AE = 17$ cm $BC = 30$ cm



(A)

- 25 (a)** Show that $EM = 15$ cm

[2 marks]

(B)

- 25 (b)** Work out the size of angle ECM .

[4 marks]

Answer _____ degrees