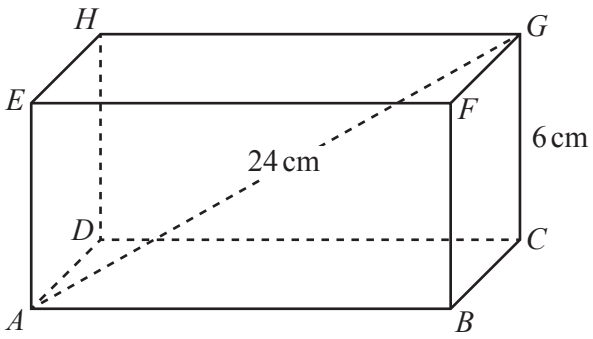
10



NOT TO SCALE

The diagram shows a cuboid $ABCDEFGH$.
$CG = 6$ cm, $AG = 24$ cm and $AB = 2BC$.

(a) Calculate AB.

$AB =$ ..... cm [4]

(b) Calculate the angle between AG and the base $ABCD$.

..... [3]