



NOT TO
SCALE

The diagram shows a cuboid $ABCDEFGH$.
 $AE = 6.4$ cm, $EH = 5.1$ cm and $AG = 13$ cm.

(a) Calculate EF .

$EF = \dots\dots\dots$ cm [3]

(b) Calculate the angle between the line AG and the base $EFGH$ of the cuboid.

$\dots\dots\dots$ [3]