18

B

Diagram **NOT**
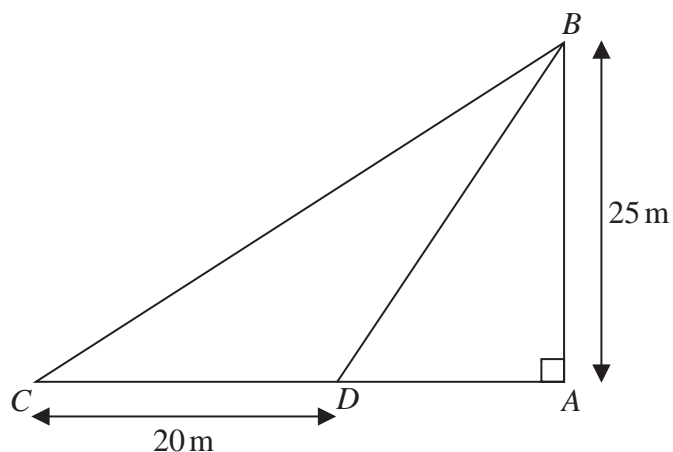accurately drawn

25 m

C   D   A

20 m

In the diagram, *AB* represents a vertical cliff of height 25 m.

The points *C* and *D* are buoys on the surface of the sea so that *CDA* is a horizontal straight line.

The angle of elevation of *B* from *C* is 33° and *CD* = 20 m.

Calculate the size, in degrees to 3 significant figures, of the angle of depression of *D* from *B*.

....°

(**Total for Question 18 is 4 marks**)

P 6 5 9 2 0 A 0 1 4 2 4