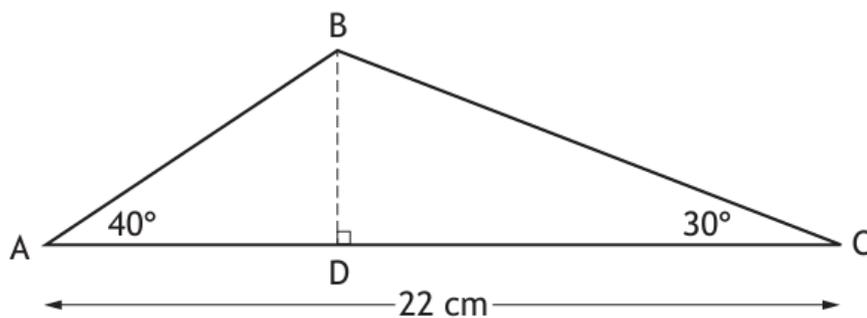


In triangle ABC:



- $AC = 22$ centimetres
- angle $BAC = 40^\circ$
- angle $BCA = 30^\circ$
- BD is perpendicular to AC .

Calculate the length of BD .

5

Answer:

7.5 cm