

Worksheet: Triangles

Uttar Pradesh State Board · Class 10 · Mathematics · 4 questions · 10 marks

Name: _____

Date: _____

Score: _____ / 10

Q1. Find the hypotenuse of a right triangle with legs 5 cm and 12 cm. *[1 mark]*

Q2. Two similar triangles have sides in ratio 3:4. Find the ratio of their areas. *[1 mark]*

Q3. In $\triangle ABC$, $DE \parallel BC$. If $AD/DB = 2/3$ and $AE = 4$ cm, find EC . *[3 marks]*

Q4. A ladder 17 m long reaches a window 8 m above the ground. Find the distance of the foot of the ladder from the wall. *[5 marks]*