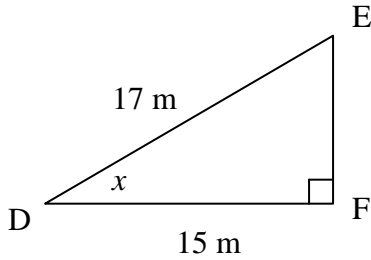
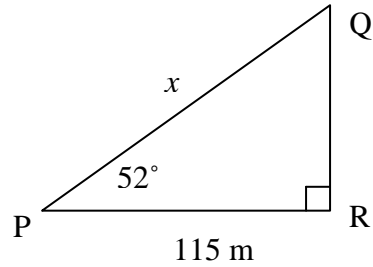


3. Find the angle using cosine ratio.
 Correct to nearest degree.

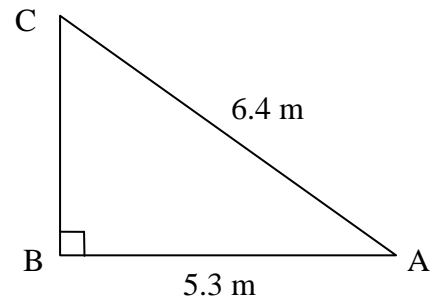


4. Find side length with a given angle.
 Correct to nearest unit.



Solve Right Triangles Using Cosine Ratios

5. For $\triangle ABC$, find the unknown angles and side lengths.
 Correct answers to the nearest degree or tenth of a metre.



Answers: 1. (a) 0.7660, (b) 0.0349, (c) 0.5736; 2. (a) 39° , (b) 1° , (c) 88° , (d) 55° ; 3. 28° ; 4. 187 m;
 5. $\angle A = 34^\circ$, $\angle C = 56^\circ$, $a = 3.6$ m