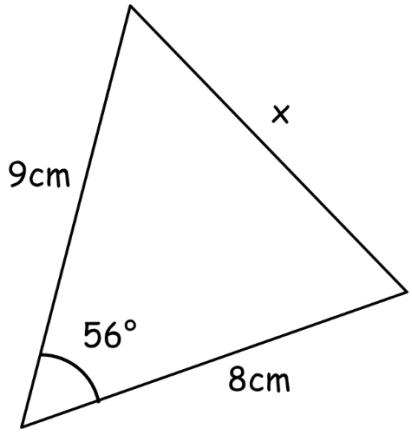
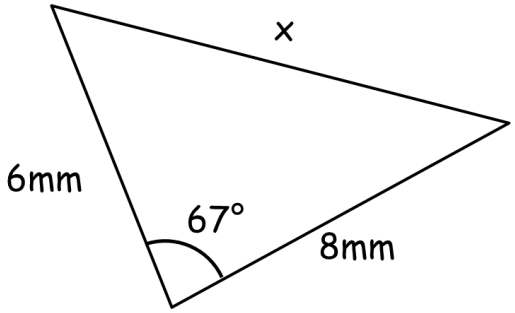
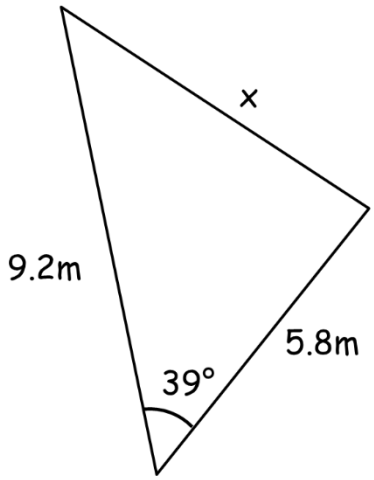
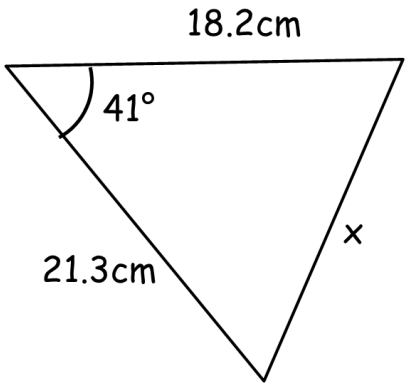
Cosine Rule GREEN

Use the cosine rule to find side x in each of the following triangles

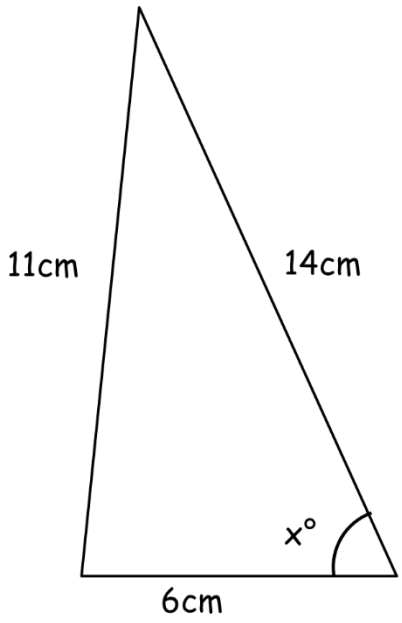


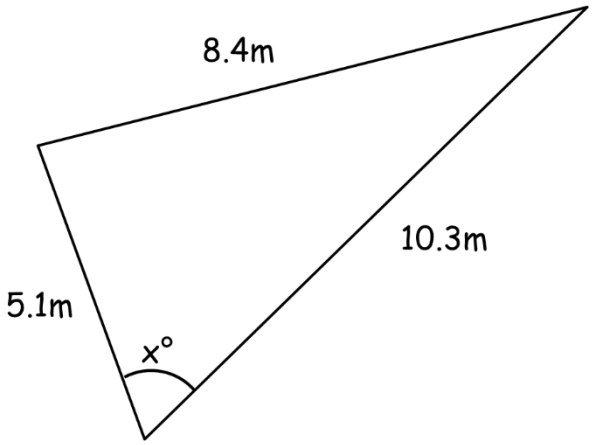






Use the cosine rule to find angle X in each of the following triangles

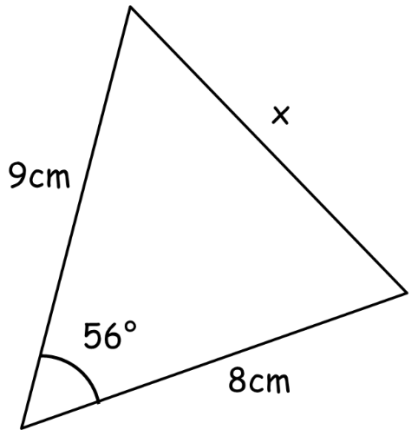


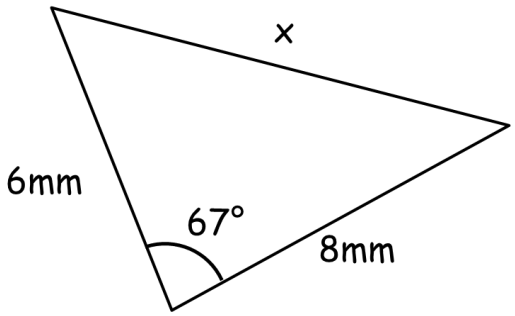


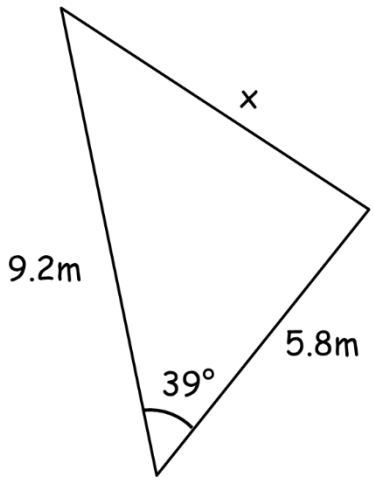
Cosine Rule AMBER

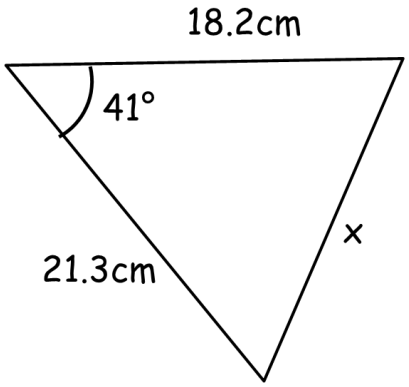
Use the cosine rule to find side x in each of the following triangles

$$a^2 = b^2 + c^2 - 2bc\cos A$$



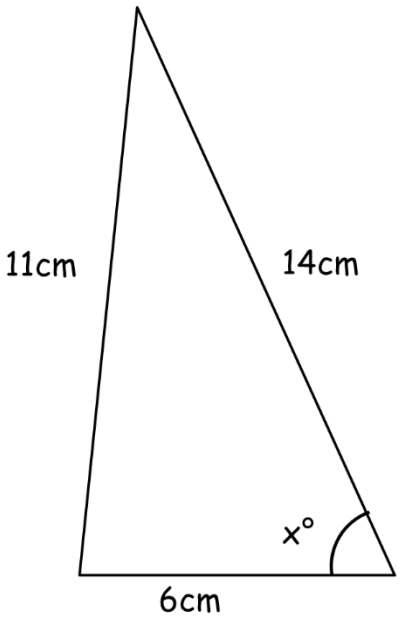


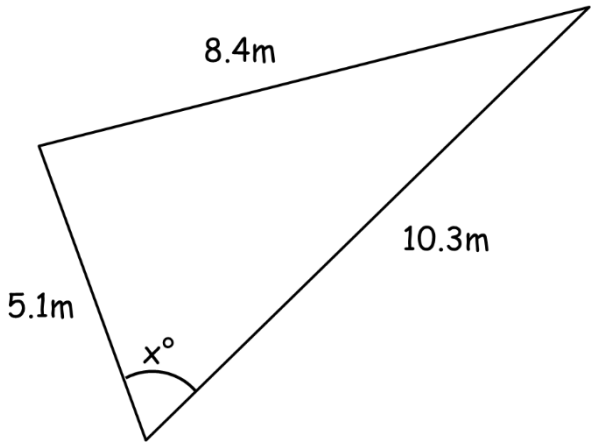




Use the cosine rule to find angle X in each of the following triangles

$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

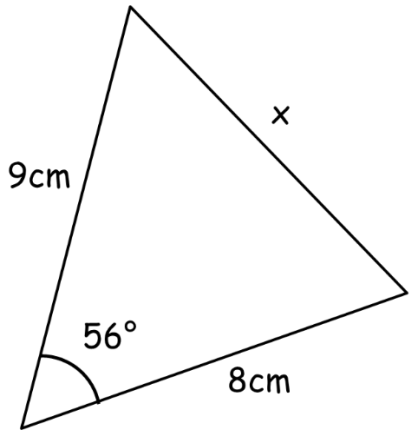


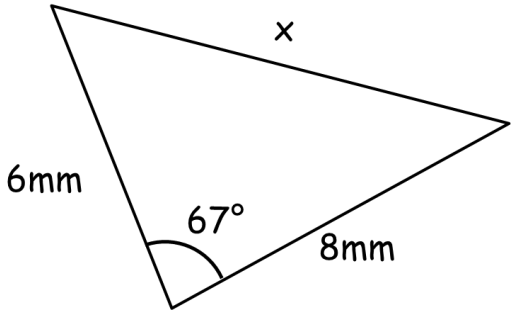


Cosine Rule RED

Use the cosine rule to find side x in each of the following triangles

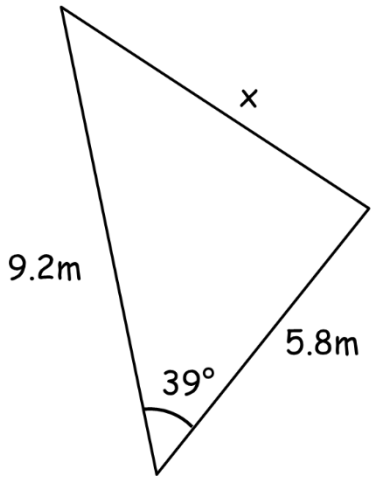
$$a^2 = b^2 + c^2 - 2bc\cos A$$

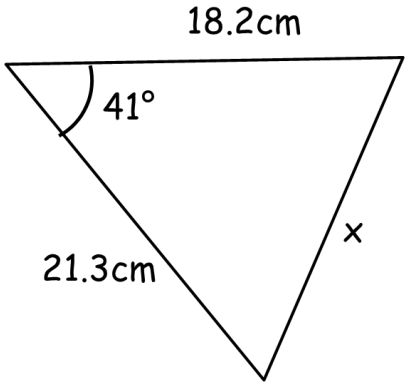




$x^2 = 9^2 + 8^2 - 2 \times 9 \times 8\cos 56$

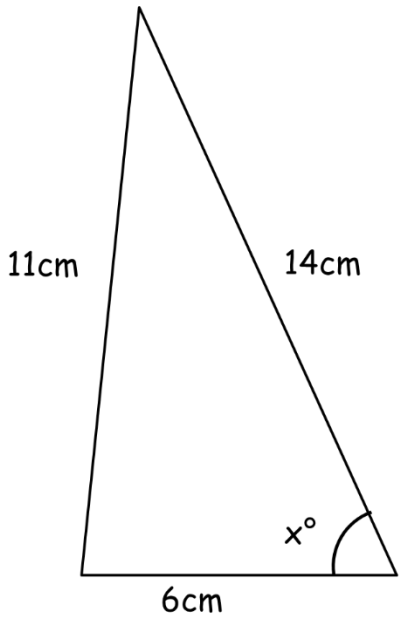
$x =$

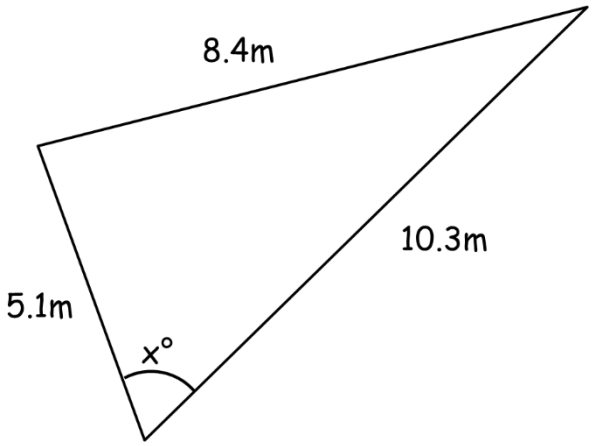




Use the cosine rule to find angle X in each of the following triangles

$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$





$$\cos X = \frac{6^2+14^2-11^2}{2\times6\times14}$$

$$X = \cos^{-1}($$