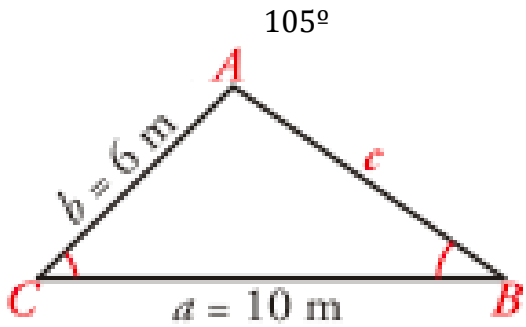
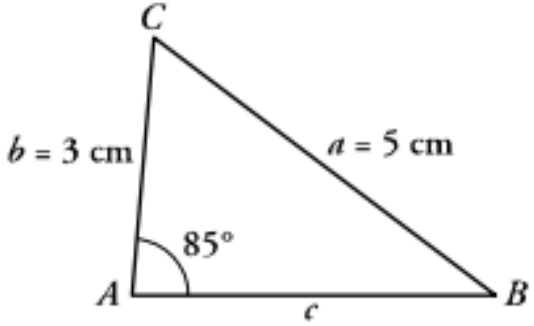
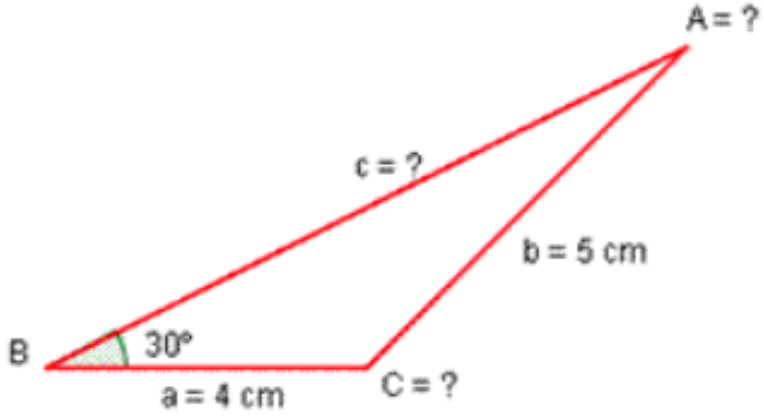
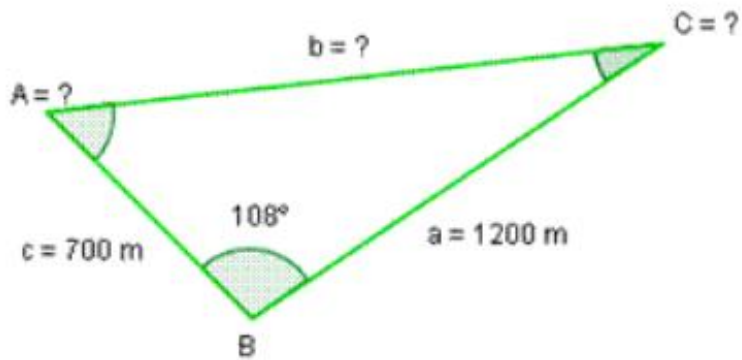


1. Resuelve los siguientes triángulos usando el teorema del seno:

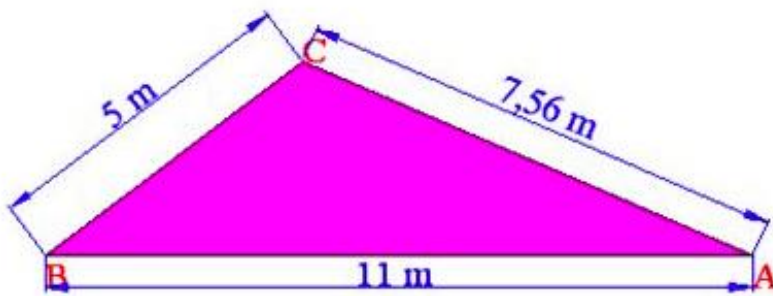
 <p>A triangle with vertices A, B, and C. Angle A is 105°. Side b (opposite B) is 6 m. Side a (opposite A) is 10 m. Side c is opposite C.</p>	<p>Soluciones:</p> <p>B= 35°25'9"</p> <p>C= 39°34' 51'</p> <p>C=6,6 m</p>
 <p>A triangle with vertices A, B, and C. Angle A is 85°. Side b (opposite B) is 3 cm. Side a (opposite A) is 5 cm. Side c is opposite C.</p>	<p>B= 36° 42' 24''</p> <p>C=58°17' 36''</p> <p>C=4,27 m</p>
 <p>A triangle with vertices A, B, and C. Angle B is 30°. Side a (opposite A) is 4 cm. Side b (opposite B) is 5 cm. Side c is opposite C. Angles A and C are unknown.</p>	<p>Soluciones:</p> <p>A= 23,58°</p> <p>C=126,42°</p> <p>C=8,1 cm</p>

2. Resuelve los siguientes triángulos usando el teorema del coseno:



Soluciones  $b = 1564,97 \text{ m}$ ;  $C = 25,18^\circ$ ;  $A = 46,82^\circ$

2.b Calcula el ángulo A. Solución  $A = 23^\circ$



3. ¿Cuál es la distancia que hay entre la iglesia y el depósito de agua?

Solución: 145 m

