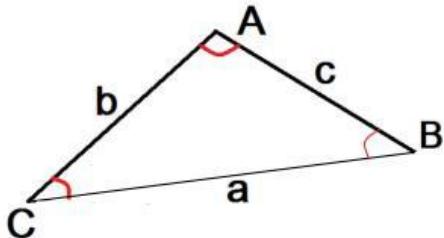
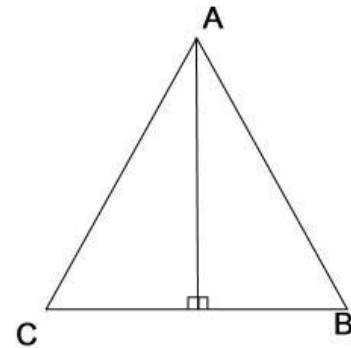


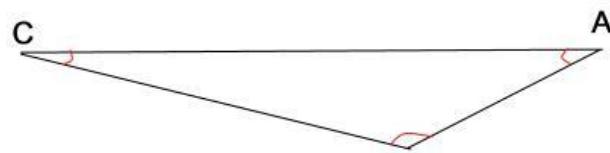
A triangle whose sides  $b$  and  $c$  are 45 cm and 66 cm respectively and whose angle  $\alpha$  is  $47^\circ$ . Find how much side  $a$  is and Angles  $B$  and  $C$ .



The angle  $C$  is  $38^\circ$  and the sides  $a$  and  $b$  are 17 and 22 respectively. Find side  $c$ , angles  $B$  and  $C$ .



In this triangle is given only the height, which is 24 and  $C$  which is  $60^\circ$ . Calculate  $b$ ,  $c$ ,  $a$  and angles  $A$  and  $B$ . You can use either Trigonometry and Pythagoras.



Find side  $a$  when the angle  $A$  is  $63^\circ$   $b$  is 23 and  $c$  is 12