

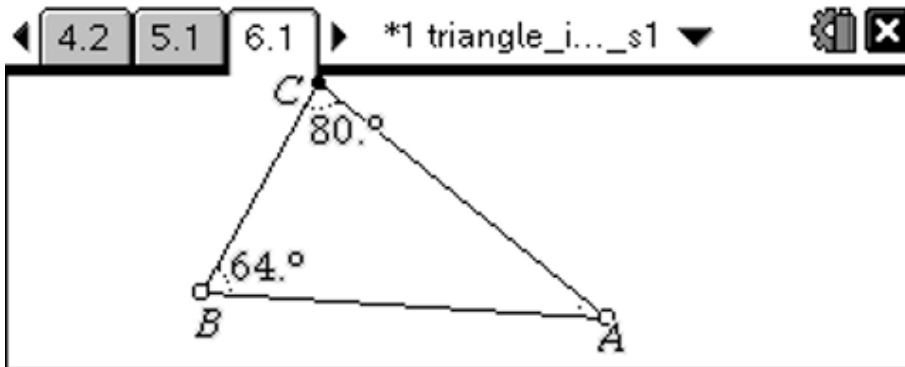
Triangle Sorting Board	Acute - angled	Right angled	Obtuse - angled
Equilateral			
Isosceles			
Scalene			

# Triangle Homework

Q1 Draw a triangle in as many of the boxes in the grid above as you can. Show any equal sides and write in the sizes of any angles that you know.

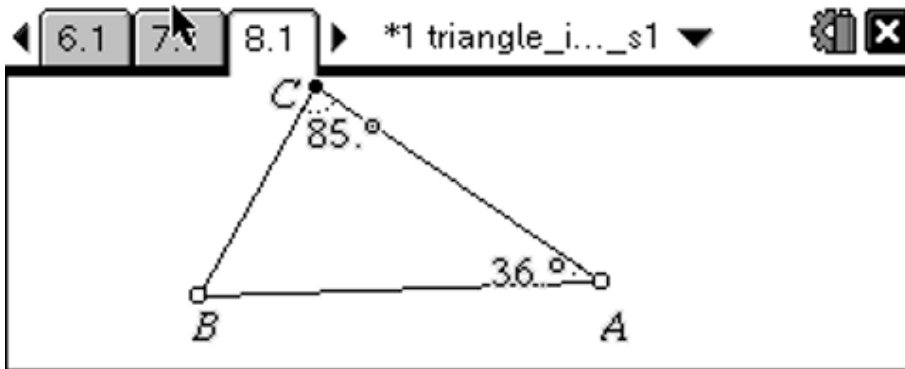
Find the missing angles and complete the angle names and comments in each of the triangles in the following pages.

2



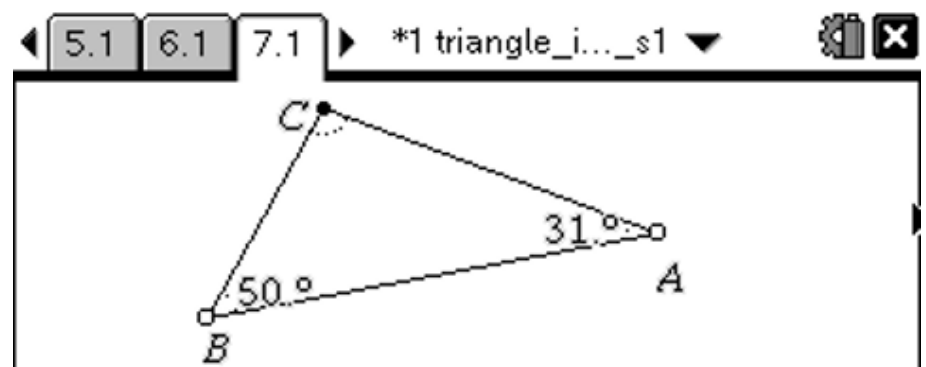
$\angle C$  \_\_\_ =  $^{\circ}$

4



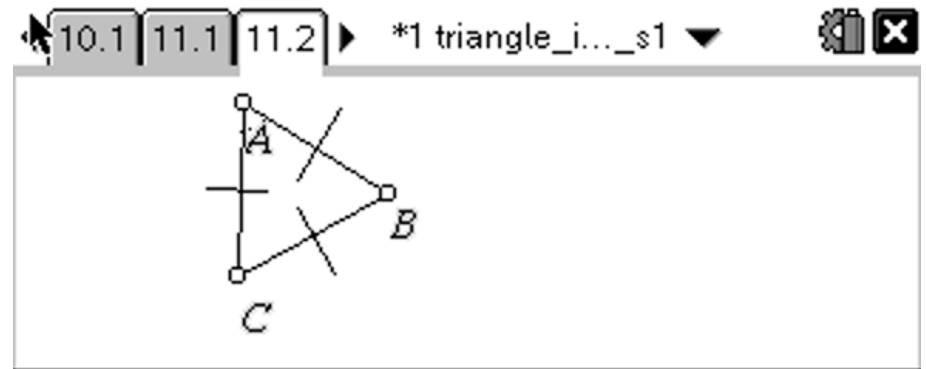
$\angle$  =  $^{\circ}$

3



$\angle$  \_ C \_ =  $^{\circ}$

5

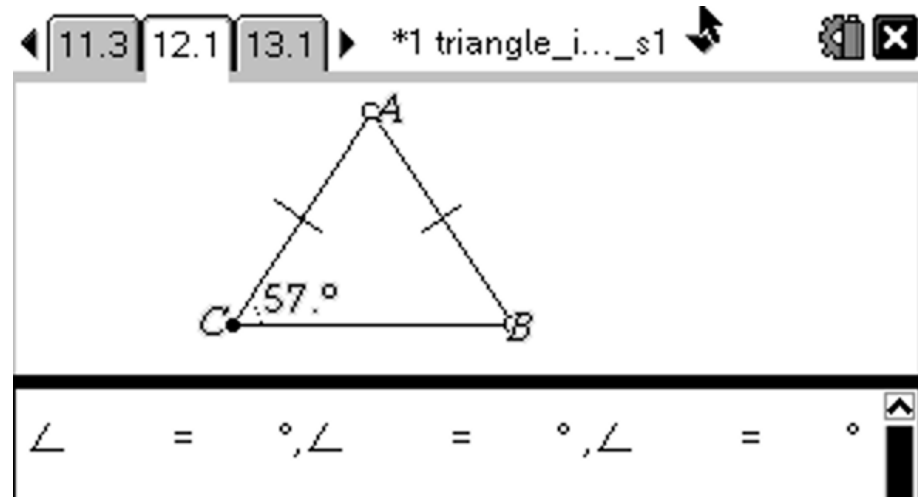


$\angle$  =  $^{\circ}$ ,  $\angle$  =  $^{\circ}$ ,  $\angle$  =  $^{\circ}$

6 The marking on the sides of the triangle in question 5 mean \_\_\_\_\_.

This triangle is called an \_\_\_\_\_ triangle because it has \_\_\_\_\_ sides and \_\_\_\_\_ angles.

7

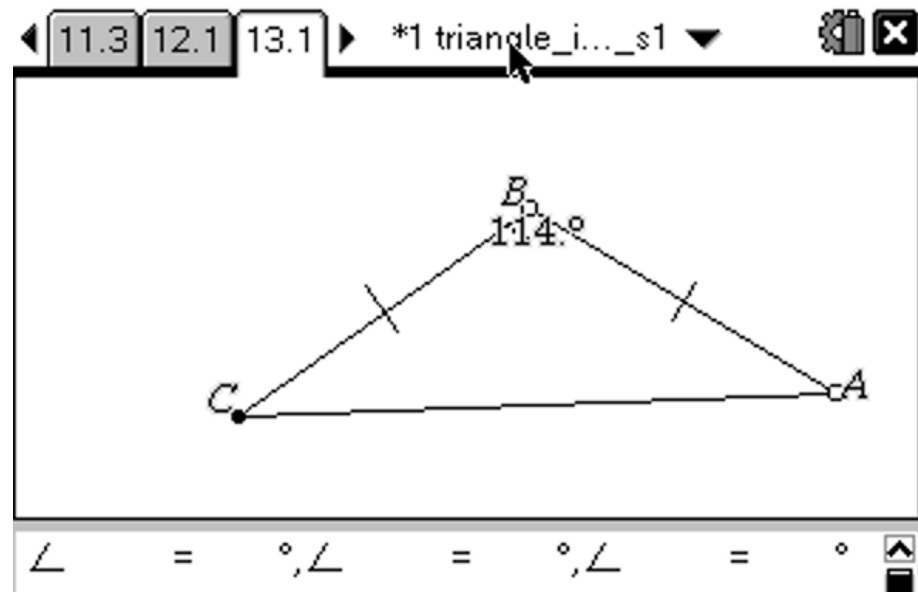


8

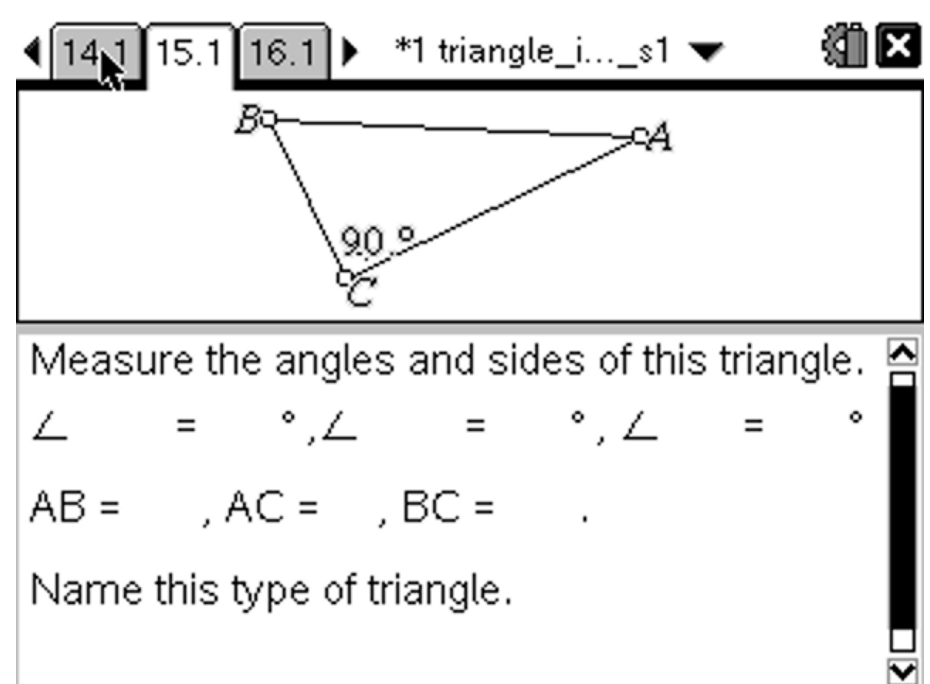
The marking on the sides of the triangle in question 7 mean \_\_\_\_\_.

This triangle is called an \_\_\_\_\_ triangle because it has \_\_\_\_\_ sides and \_\_\_\_\_ angles.

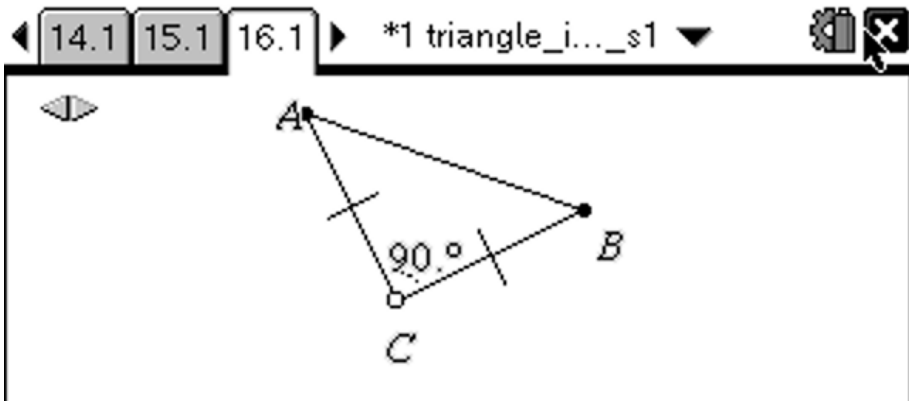
9



10



11



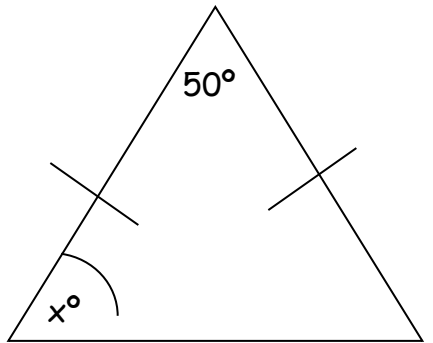
State the names and sizes of the angles and measure the lengths of the sides of this triangle.

$\angle$  =  $^{\circ}$   $\angle$  =  $^{\circ}$   $\angle$  =  $^{\circ}$

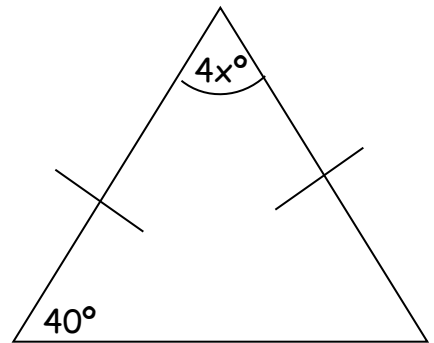
AB = , AC = , BC =

Name this type of triangle.

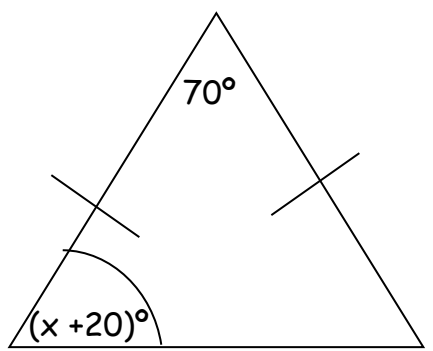
12 Find the value of x



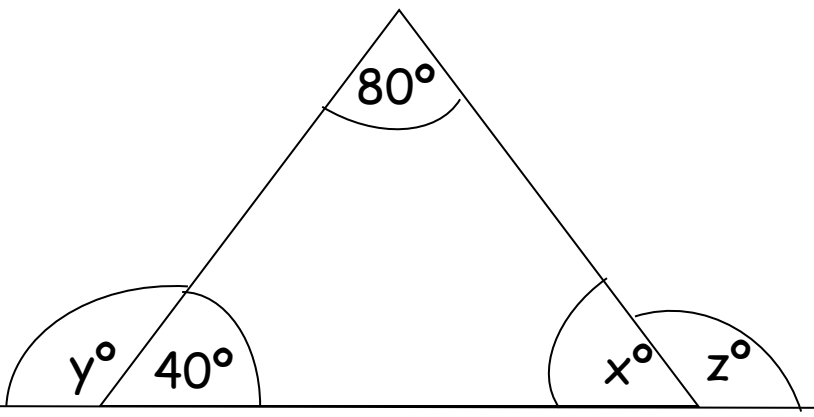
13 Find the value of x



14 Find the value of x



15 Find the value of x, y z



16 Find the value of a, b, c

