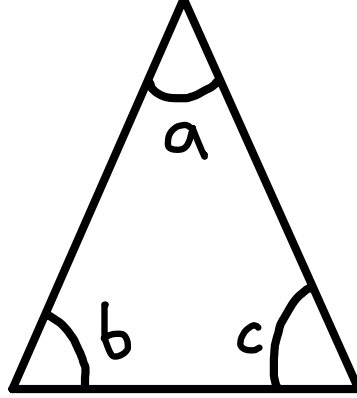


2

All the angles of a triangle equal 180°

$$\text{Or, } a+b+c=180$$



1

There is a ratio of 2:7:9, What are measures of the angles

3 Add up 2, 7, and 9 which equals 18

5 Next, multiply each number by 10

$$2:7:9$$

$$2 \times 10 = 20$$

$$7 \times 10 = 70$$

$$9 \times 10 = 90$$

4

Now,
 $18x = 180^\circ$
180
divided by
18 is 10

Final Answer

$$a = 20^\circ$$

$$b = 70^\circ$$

$$c = 90^\circ$$

Note

(this is not my handwriting)

