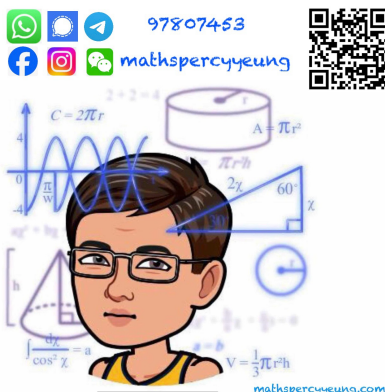


5

Congruence



Section A: Write your answers in the spaces provided. Working need not be shown.

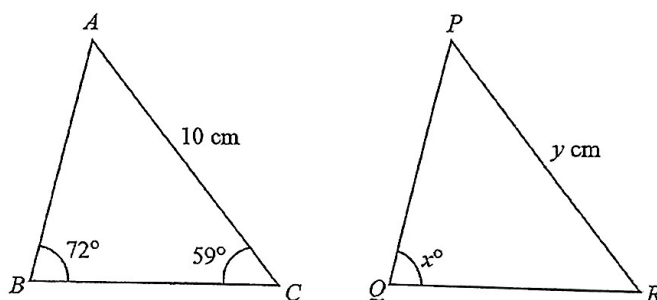
MSS21-1

1. In the figure, $\triangle ABC \cong \triangle PQR$. Find

- (a) the value of x ,
 (b) the value of y .

$x =$ _____

$y =$ _____



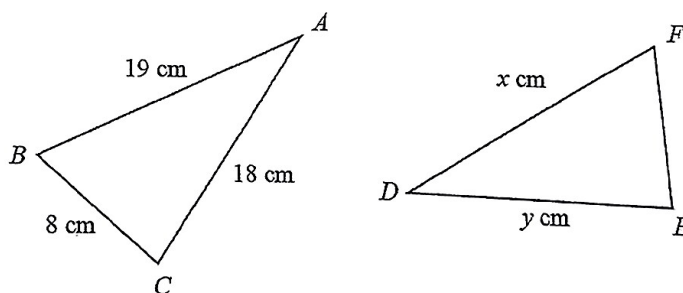
MSS21-1

2. In the figure, $\triangle ABC \cong \triangle DEF$. Find

- (a) the value of x ,
 (b) the value of y .

$x =$ _____

$y =$ _____



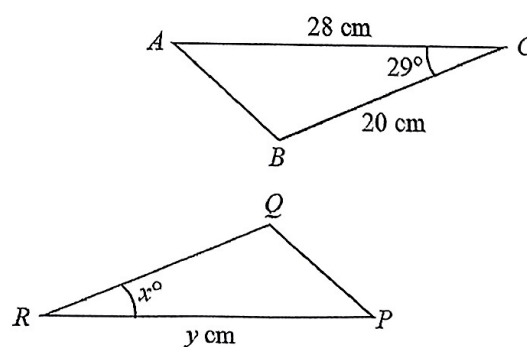
MSS21-1

3. In the figure, $\triangle ABC \cong \triangle PQR$. Find

- (a) the value of x ,
 (b) the value of y .

$x =$ _____

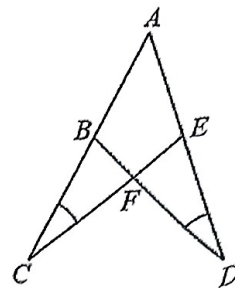
$y =$ _____



Section B: Answer in the spaces provided. All working and conclusions must be clearly shown.

↙ MSS21-3

4. In the figure, ABC , AED , BFD and CFE are straight lines, $CE = DB$ and $\angle ACE = \angle ADB$. Prove that $\triangle ACE \cong \triangle ADB$.



↙ MSS21-3

5. In the figure, ACD and BCE are straight lines. $AC = CD$ and $BC = CE$. Prove that $\triangle ABC \cong \triangle DEC$.

