



G.D.GOENKA PUBLIC SCHOOL

Class: 9th

Subject: Mathematics

Congruent triangles

Multiple choice questions

Date of issue: 29-05-2021

Date of submission: 31May

1 In ΔPQR , $\angle P > \angle Q > \angle R$, then

- (a) $PQ < PR$ (b) $PQ > PR$ (c) $PQ > QR$ (d) $QR = PQ$

2 In ΔABC , if $AB = AC$ and $\angle B = 80^\circ$, then $\angle A$ is

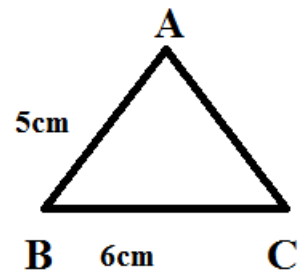
- (a) 50° (b) 40° (c) 55° (d) 80°

3 In ΔABC , if $\angle B = \angle C$, $AB = 5\text{cm}$ and $BC = 6\text{cm}$, then the length of AC is

- (a) 4cm (b) 4.5cm (c) 5cm (d) 2.5cm

4 In right angled isosceles triangle, each equal angle is

- (a) 30° (b) 45° (c) 60° (d) 90°



5 The congruency property by which the two triangles in the given figure are congruent is

- (a) SSS (b) ASA (c) SAS (d) RHS

