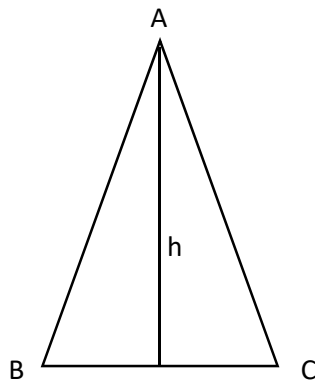


[illegible]

5. ABC is an isosceles triangle.

Length  $AB = AC = 12\text{cm}$ . Length  $BC = 10\text{cm}$ .

Find the length of the perpendicular height  $h$

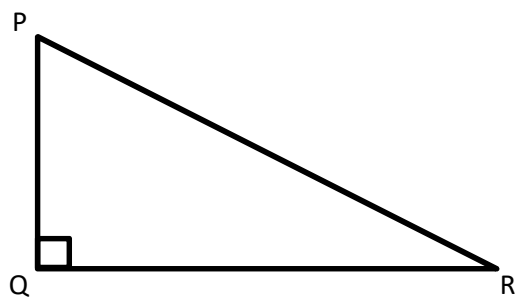


3 marks

6. PQR is a right-angled triangle.

Length  $QR = 42\text{cm}$  and angle  $R = 25^\circ$ .

Find the length of PQ.



3 marks

7. Convert  $20^\circ$  into radians leaving  $\pi$  in your answer.

8. Find all the angles between  $0^\circ$  and  $360^\circ$  whose cosine is  $-0.982$

1 mark

2 marks