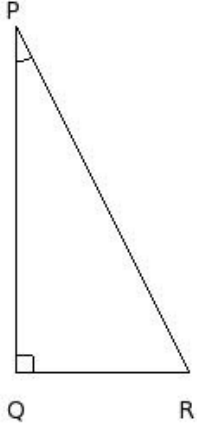


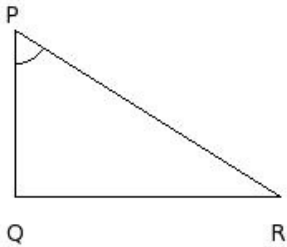


1. In a right angled triangle  $\triangle PQR$ , if  $QR = 10$  cm,  $PQ = 20$  cm are the lengths of perpendicular sides , then corresponding height of side  $QR =$



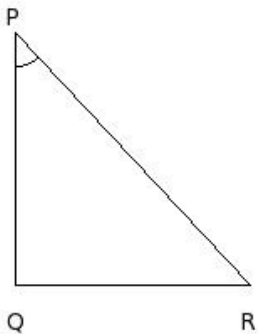
- (i) 25.00 cm (ii) 17.00 cm (iii) 15.00 cm (iv) 23.00 cm (v) 20.00 cm

2. In a right angled triangle  $\triangle PQR$ , if  $QR = 16$  cm,  $PQ = 10$  cm are the lengths of perpendicular sides , then corresponding height of side  $PQ =$



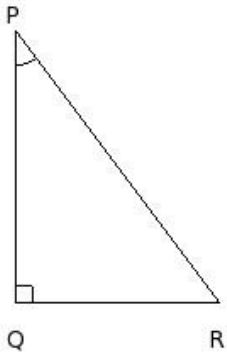
- (i) 11.00 cm (ii) 21.00 cm (iii) 16.00 cm (iv) 13.00 cm (v) 19.00 cm

3. In a right angled triangle  $\triangle PQR$ , if  $QR = 14$  cm,  $PQ = 15$  cm are the lengths of perpendicular sides , then area of the triangle =



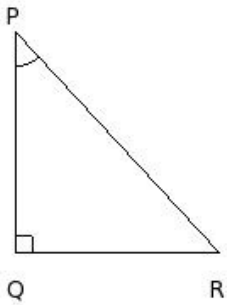
- (i) 103.00 sq.cm (ii) 111.00 sq.cm (iii) 80.00 sq.cm (iv) 105.00 sq.cm (v) 127.00 sq.cm

4. In a right angled triangle  $\triangle PQR$ , if the base  $QR = 12$  cm and the corresponding height is 16 cm, then side  $PQ =$



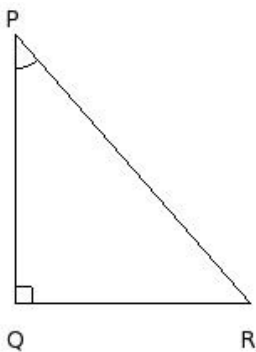
- (i) 21.00 cm (ii) 11.00 cm (iii) 19.00 cm (iv) 16.00 cm (v) 13.00 cm

5. In a right angled triangle  $\triangle PQR$ , if the base  $QR = 12$  cm and the corresponding height is 13 cm, then corresponding height of side  $PQ =$



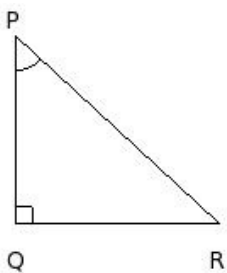
- (i) 7.00 cm (ii) 9.00 cm (iii) 17.00 cm (iv) 15.00 cm (v) 12.00 cm

6. In a right angled triangle  $\triangle PQR$ , if the base  $QR = 14$  cm and the corresponding height is 16 cm, then area of the triangle =



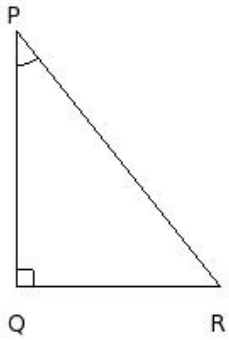
- (i) 128.00 sq.cm (ii) 85.00 sq.cm (iii) 112.00 sq.cm (iv) 97.00 sq.cm

7. In a right angled triangle  $\triangle PQR$ , if the area is 66 sq.cm and corresponding height of side  $QR = 11$  cm, then side  $QR =$



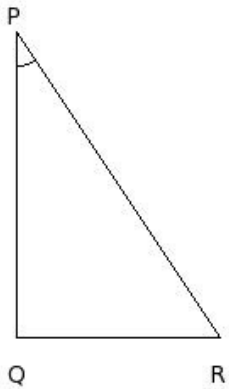
- (i) 17.00 cm (ii) 9.00 cm (iii) 12.00 cm (iv) 15.00 cm (v) 7.00 cm

8. In a right angled triangle  $\triangle PQR$ , if the area is 90 sq.cm and corresponding height of side QR = 15 cm, then side PQ =



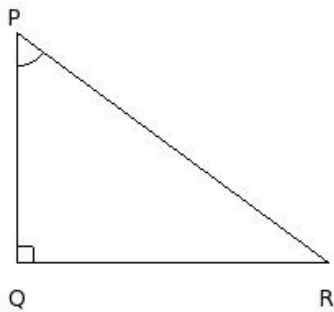
- (i) 18.00 cm (ii) 10.00 cm (iii) 12.00 cm (iv) 15.00 cm (v) 20.00 cm

9. In a right angled triangle  $\triangle PQR$ , if the area is 108 sq.cm and base QR = 12 cm, then side PQ =



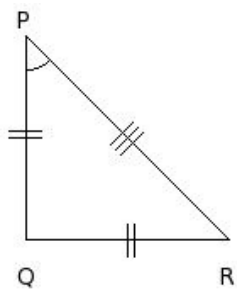
- (i) 21.00 cm (ii) 23.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 18.00 cm

10. In a right angled triangle  $\triangle PQR$ , if the area is 133 sq.cm and base QR = 19 cm, then corresponding height of side QR =



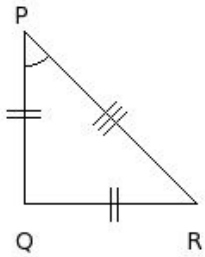
- (i) 14.00 cm (ii) 19.00 cm (iii) 11.00 cm (iv) 9.00 cm (v) 17.00 cm

11. In an isosceles right angled triangle  $\triangle PQR$ , if QR = 12 cm is one of the equal sides, then side PQ =



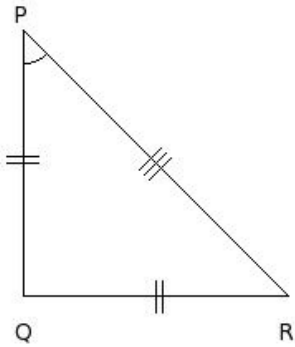
- (i) 17.00 cm (ii) 15.00 cm (iii) 9.00 cm (iv) 12.00 cm (v) 7.00 cm

12. In an isosceles right angled triangle  $\triangle PQR$ , if  $QR = 10$  cm is one of the equal sides, then corresponding height of side  $PQ =$



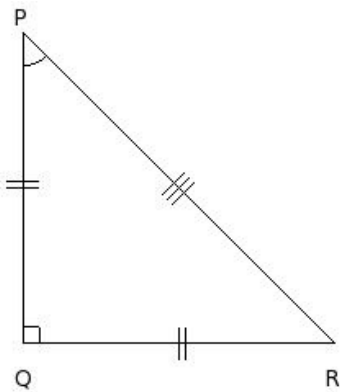
- (i) 15.00 cm (ii) 13.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 10.00 cm

13. In an isosceles right angled triangle  $\triangle PQR$ , if  $QR = 16$  cm is one of the equal sides, then area of the triangle =



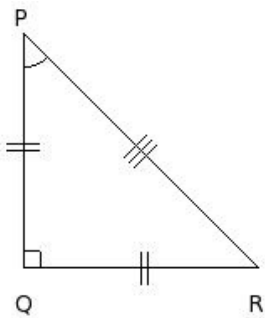
- (i) 146.00 sq.cm (ii) 115.00 sq.cm (iii) 110.00 sq.cm (iv) 153.00 sq.cm (v) 128.00 sq.cm

14. In an isosceles right angled triangle  $\triangle PQR$ , if corresponding height to the base  $QR$  is 19 cm, then side  $QR =$



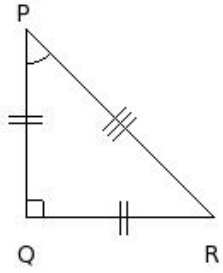
- (i) 16.00 cm (ii) 22.00 cm (iii) 14.00 cm (iv) 19.00 cm (v) 24.00 cm

15. In an isosceles right angled triangle  $\triangle PQR$ , if corresponding height to the base  $QR$  is 14 cm, then side  $PQ =$



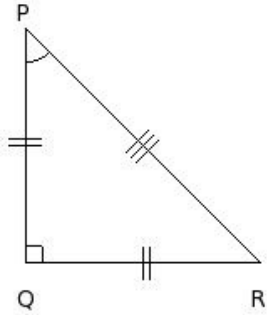
- (i) 9.00 cm (ii) 19.00 cm (iii) 14.00 cm (iv) 11.00 cm (v) 17.00 cm

16. In an isosceles right angled triangle  $\triangle PQR$ , if corresponding height to the base QR is 11 cm, then corresponding height of side QR =



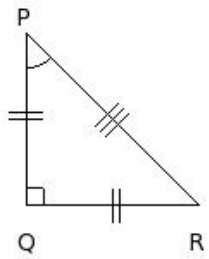
- (i) 16.00 cm (ii) 11.00 cm (iii) 8.00 cm (iv) 6.00 cm (v) 14.00 cm

17. In an isosceles right angled triangle  $\triangle PQR$ , if corresponding height to the base QR is 14 cm, then corresponding height of side PQ =



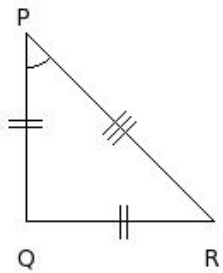
- (i) 19.00 cm (ii) 11.00 cm (iii) 17.00 cm (iv) 14.00 cm (v) 9.00 cm

18. In an isosceles right angled triangle  $\triangle PQR$ , if corresponding height to the base QR is 10 cm, then area of the triangle =



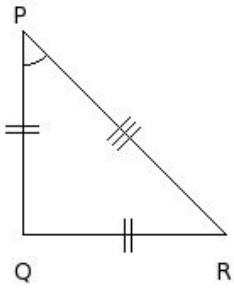
- (i) 50.00 sq.cm (ii) 53.00 sq.cm (iii) 45.00 sq.cm (iv) 47.00 sq.cm (v) 55.00 sq.cm

19. In an isosceles right angled triangle  $\triangle PQR$ , if area = 60.5 sq.cm, then side QR =



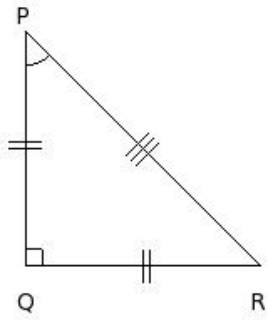
- (i) 14.00 cm (ii) 8.00 cm (iii) 11.00 cm (iv) 6.00 cm (v) 16.00 cm

20. In an isosceles right angled triangle  $\triangle PQR$ , if area = 72 sq.cm, then side PQ =



- (i) 17.00 cm (ii) 12.00 cm (iii) 15.00 cm (iv) 9.00 cm (v) 7.00 cm

21. In an isosceles right angled triangle  $\triangle PQR$ , if area = 98 sq.cm, then corresponding height of side QR =



- (i) 19.00 cm (ii) 9.00 cm (iii) 14.00 cm (iv) 17.00 cm (v) 11.00 cm

## Assignment Key

1) (v)	2) (iii)	3) (iv)	4) (iv)	5) (v)	6) (iii)
7) (iii)	8) (iv)	9) (v)	10) (i)	11) (iv)	12) (v)
13) (v)	14) (iv)	15) (iii)	16) (ii)	17) (iv)	18) (i)
19) (iii)	20) (ii)	21) (iii)			