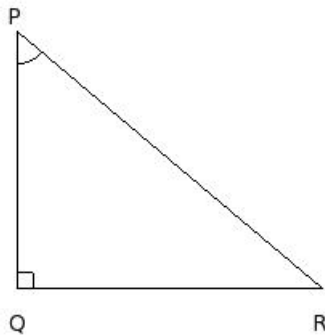


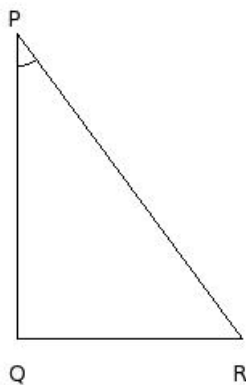
EduSahara™ Learning Center Assignment**Grade : Class VII, SSC****Chapter : Area and Perimeter****Name : Triangles****Licensed To : Teachers and Students for non-commercial use**

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1. In a right angled triangle $\triangle PQR$, if $QR = 19$ cm, $PQ = 16$ cm are the lengths of perpendicular sides, then corresponding height of side $QR =$



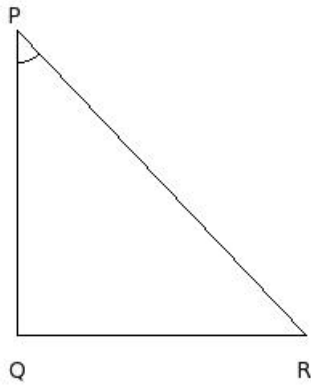
- (i) 19.00 cm (ii) 21.00 cm (iii) 11.00 cm (iv) 16.00 cm (v) 13.00 cm

-
2. In a right angled triangle $\triangle PQR$, if $QR = 14$ cm, $PQ = 19$ cm are the lengths of perpendicular sides, then corresponding height of side $PQ =$



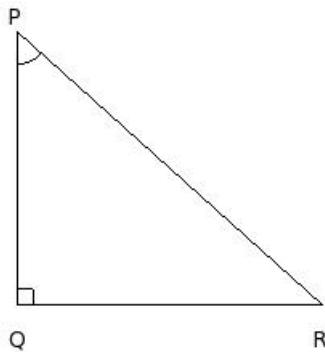
- (i) 17.00 cm (ii) 14.00 cm (iii) 19.00 cm (iv) 11.00 cm (v) 9.00 cm

-
3. In a right angled triangle $\triangle PQR$, if $QR = 18$ cm, $PQ = 19$ cm are the lengths of perpendicular sides, then area of the triangle =



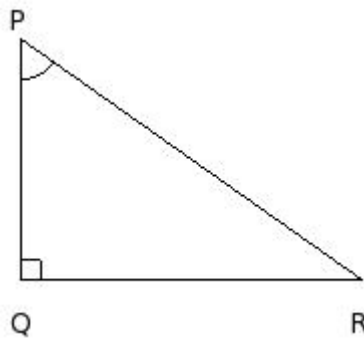
- (i) 148.00 sq.cm (ii) 185.00 sq.cm (iii) 171.00 sq.cm (iv) 163.00 sq.cm (v) 177.00 sq.cm
-

4. In a right angled triangle $\triangle PQR$, if the base $QR = 19$ cm and the corresponding height is 17 cm, then side $PQ =$



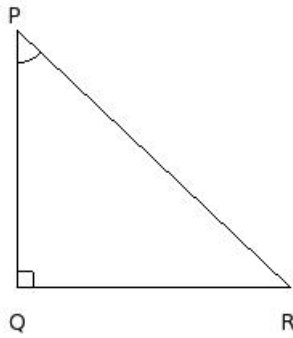
- (i) 22.00 cm (ii) 17.00 cm (iii) 14.00 cm (iv) 12.00 cm (v) 20.00 cm
-

5. In a right angled triangle $\triangle PQR$, if the base $QR = 17$ cm and the corresponding height is 12 cm, then corresponding height of side $PQ =$



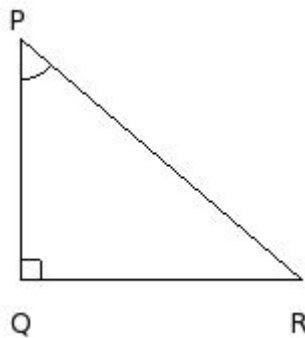
- (i) 17.00 cm (ii) 14.00 cm (iii) 12.00 cm (iv) 20.00 cm (v) 22.00 cm
-

6. In a right angled triangle $\triangle PQR$, if the base $QR = 17$ cm and the corresponding height is 16 cm, then area of the triangle =



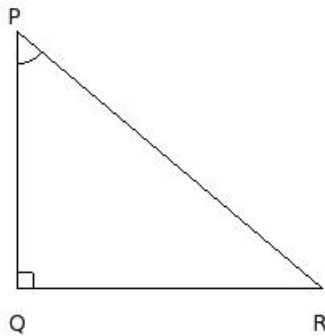
- (i) 161.00 sq.cm (ii) 143.00 sq.cm (iii) 124.00 sq.cm (iv) 136.00 sq.cm (v) 132.00 sq.cm
-

7. In a right angled triangle $\triangle PQR$, if the area is 84 sq.cm and corresponding height of side QR = 12 cm, then side QR =



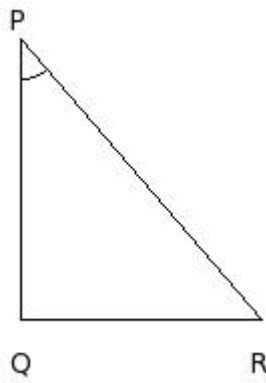
- (i) 9.00 cm (ii) 11.00 cm (iii) 14.00 cm (iv) 19.00 cm (v) 17.00 cm
-

8. In a right angled triangle $\triangle PQR$, if the area is 152 sq.cm and corresponding height of side QR = 16 cm, then side PQ =



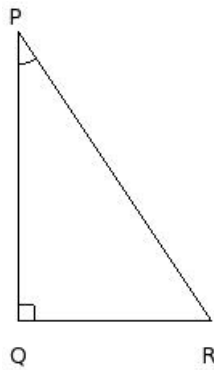
- (i) 11.00 cm (ii) 19.00 cm (iii) 13.00 cm (iv) 21.00 cm (v) 16.00 cm
-

9. In a right angled triangle $\triangle PQR$, if the area is 84 sq.cm and base QR = 12 cm, then side PQ =



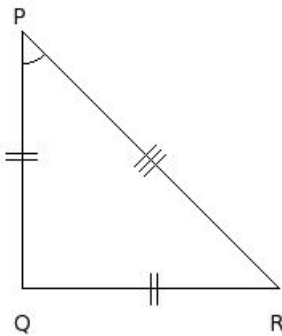
- (i) 14.00 cm (ii) 19.00 cm (iii) 11.00 cm (iv) 17.00 cm (v) 9.00 cm

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



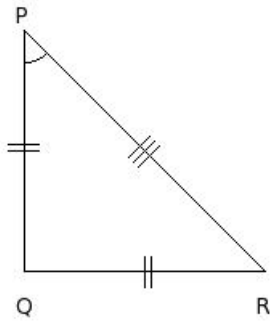
- (i) 21.00 cm (ii) 15.00 cm (iii) 13.00 cm (iv) 18.00 cm (v) 23.00 cm

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



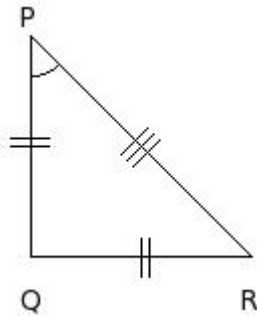
- (i) 11.00 cm (ii) 16.00 cm (iii) 13.00 cm (iv) 19.00 cm (v) 21.00 cm

12. In an isosceles right angled triangle $\triangle PQR$, if $QR = 15$ cm is one of the equal sides, then corresponding height of side $PQ =$



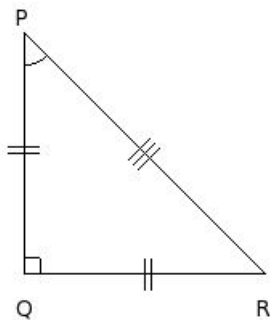
- (i) 10.00 cm (ii) 18.00 cm (iii) 20.00 cm (iv) 15.00 cm (v) 12.00 cm

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



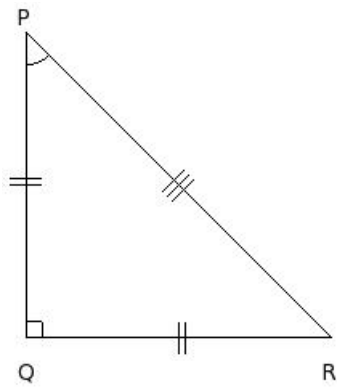
- (i) 65.50 sq.cm (ii) 55.50 sq.cm (iii) 60.50 sq.cm (iv) 57.50 sq.cm (v) 63.50 sq.cm

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



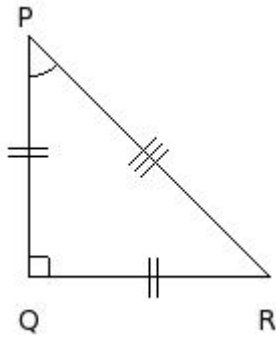
- (i) 15.00 cm (ii) 10.00 cm (iii) 12.00 cm (iv) 20.00 cm (v) 18.00 cm

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



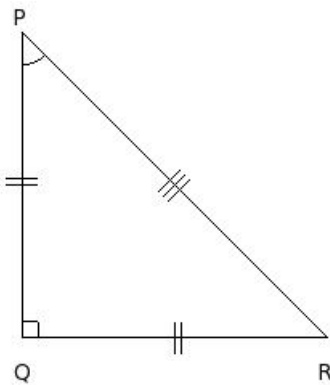
- (i) 19.00 cm (ii) 16.00 cm (iii) 22.00 cm (iv) 14.00 cm (v) 24.00 cm

16. In an isosceles right angled triangle $\triangle PQR$, if corresponding height to the base QR is 12 cm, then corresponding height of side QR =



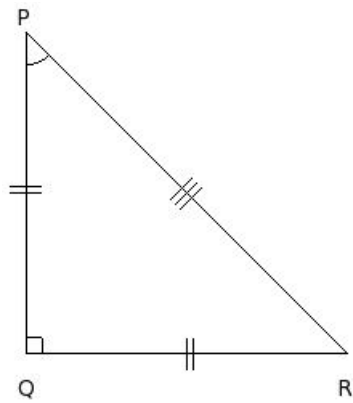
- (i) 9.00 cm (ii) 17.00 cm (iii) 12.00 cm (iv) 7.00 cm (v) 15.00 cm

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



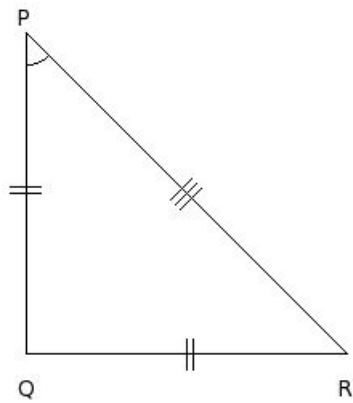
- (i) 24.00 cm (ii) 14.00 cm (iii) 22.00 cm (iv) 16.00 cm (v) 19.00 cm

18. In an isosceles right angled triangle $\triangle PQR$, if corresponding height to the base QR is 20 cm, then area of the triangle =



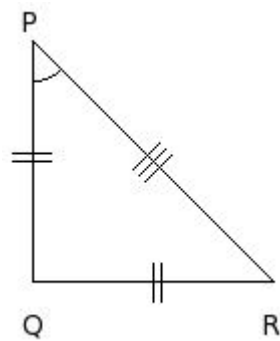
- (i) 217.00 sq.cm (ii) 187.00 sq.cm (iii) 214.00 sq.cm (iv) 188.00 sq.cm (v) 200.00 sq.cm

19. In an isosceles right angled triangle $\triangle PQR$, if area = 200 sq.cm, then side QR =



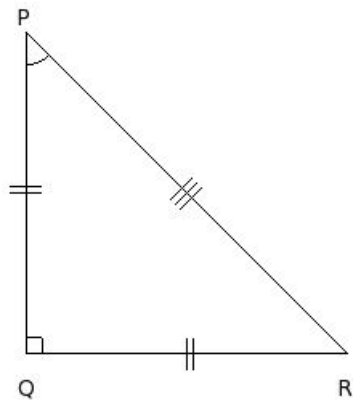
- (i) 15.00 cm (ii) 25.00 cm (iii) 17.00 cm (iv) 20.00 cm (v) 23.00 cm

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



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

21. In an isosceles right angled triangle $\triangle PQR$, if area = 200 sq.cm, then corresponding height of side QR =



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

Assignment Key

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