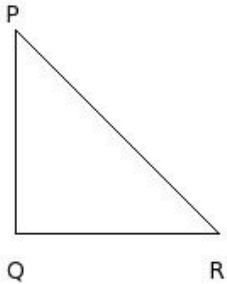


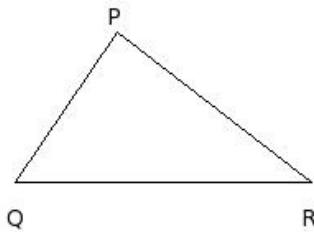


1. In $\triangle PQR$, if $QR = 12$ cm, $RP = 17$ cm, $PQ = 12$ cm, then perimeter of the triangle =



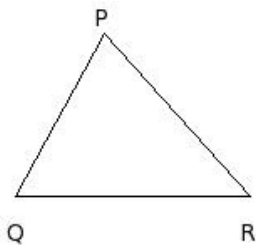
- (i) 38.00 cm (ii) 36.00 cm (iii) 41.00 cm (iv) 44.00 cm (v) 46.00 cm

2. In $\triangle PQR$, if $QR = 18$ cm, $RP = 15$ cm, $PQ = 11$ cm, then area of the triangle =



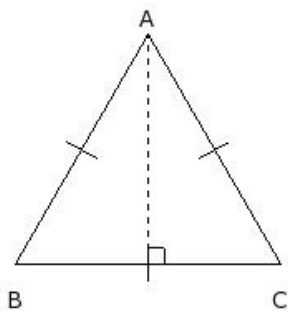
- (i) 79.32 sq.cm (ii) 82.32 sq.cm (iii) 77.32 sq.cm (iv) 87.32 sq.cm (v) 85.32 sq.cm

3. In $\triangle PQR$, if $QR = 14$ cm, $RP = 13$ cm and perimeter = 38 cm, then area of the triangle =



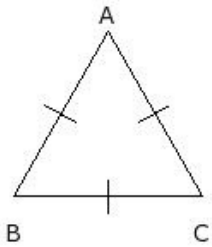
- (i) 67.53 sq.cm (ii) 70.53 sq.cm (iii) 72.53 sq.cm (iv) 62.53 sq.cm (v) 64.53 sq.cm

4. If the side of an equilateral triangle is 16 cm, the height of the equilateral triangle =



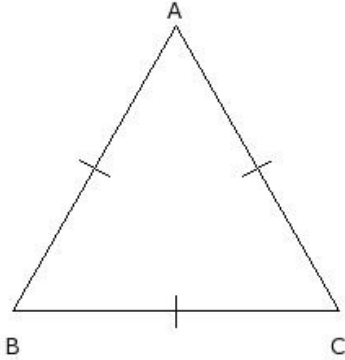
- (i) 13.86 cm (ii) 10.86 cm (iii) 18.86 cm (iv) 16.86 cm (v) 8.86 cm

5. If the side of an equilateral triangle is 11 cm, the perimeter of the equilateral triangle =



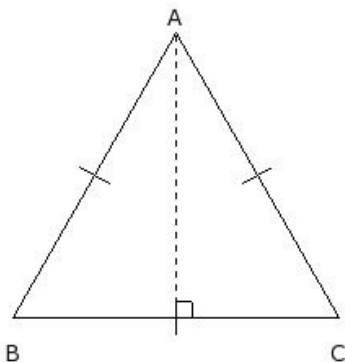
- (i) 38.00 cm (ii) 28.00 cm (iii) 33.00 cm (iv) 36.00 cm (v) 30.00 cm

6. If area of an equilateral triangle is 173.21 sq.cm, the side of the equilateral triangle =



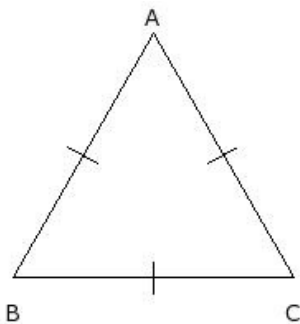
- (i) 15.00 cm (ii) 23.00 cm (iii) 20.00 cm (iv) 17.00 cm (v) 25.00 cm

7. If area of an equilateral triangle is 173.21 sq.cm, the height of the equilateral triangle =



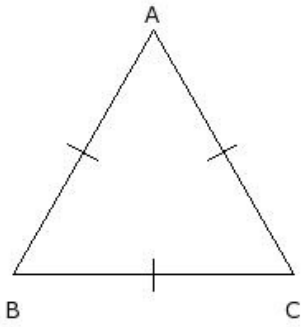
- (i) 22.32 cm (ii) 12.32 cm (iii) 14.32 cm (iv) 20.32 cm (v) 17.32 cm

8. If area of an equilateral triangle is 125.14 sq.cm, the perimeter of the equilateral triangle =



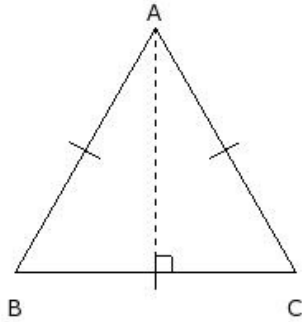
- (i) 46.00 cm (ii) 48.00 cm (iii) 56.00 cm (iv) 54.00 cm (v) 51.00 cm

9. If perimeter of an equilateral triangle 51 cm, the area of the equilateral triangle =



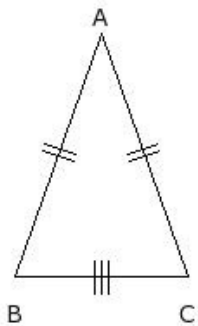
- (i) 117.14 sq.cm (ii) 129.14 sq.cm (iii) 148.14 sq.cm (iv) 113.14 sq.cm (v) 125.14 sq.cm

10. If height of an equilateral triangle is 14.72 cm, the area of the equilateral triangle =



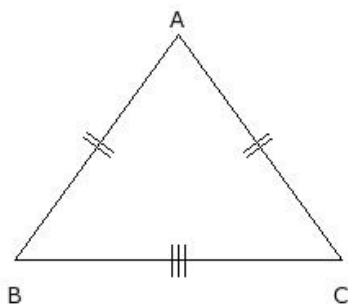
- (i) 125.14 sq.cm (ii) 102.14 sq.cm (iii) 122.14 sq.cm (iv) 141.14 sq.cm (v) 133.14 sq.cm

11. In an isosceles triangle $\triangle ABC$, if $BC = 10$ cm, $AB = CA = 15$ cm, then perimeter of the triangle =



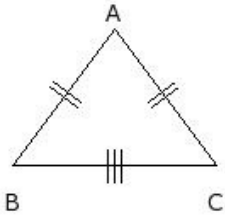
- (i) 37.00 cm (ii) 35.00 cm (iii) 43.00 cm (iv) 45.00 cm (v) 40.00 cm

12. In an isosceles triangle $\triangle ABC$, if $BC = 20$ cm, $AB = CA = 17$ cm, then area of the triangle =

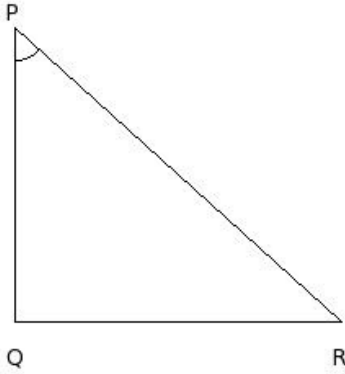


- (i) 137.48 sq.cm (ii) 119.48 sq.cm (iii) 161.48 sq.cm (iv) 154.48 sq.cm (v) 115.48 sq.cm

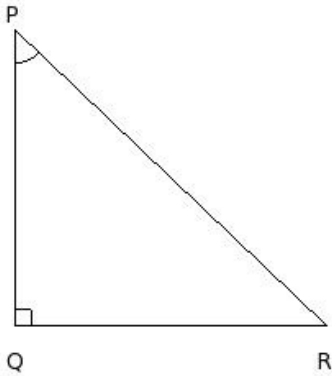
13. In an isosceles triangle $\triangle ABC$, if $BC = 12$ cm, $CA = AB$ and perimeter is 32 cm, then area of the triangle =



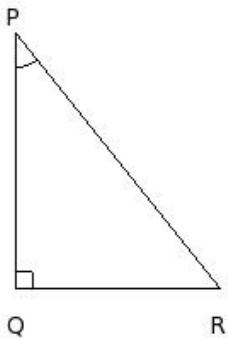
- (i) 45.00 sq.cm (ii) 48.00 sq.cm (iii) 51.00 sq.cm (iv) 43.00 sq.cm (v) 53.00 sq.cm
14. In a right angled triangle $\triangle PQR$, if $QR = 20$ cm, $PQ = 18$ cm are the lengths of perpendicular sides, then area of the triangle =



- (i) 163.00 sq.cm (ii) 194.00 sq.cm (iii) 180.00 sq.cm (iv) 157.00 sq.cm (v) 195.00 sq.cm
15. In a right angled triangle $\triangle PQR$, if the base $QR = 19$ cm and the corresponding height is 18 cm, then perimeter of the triangle =

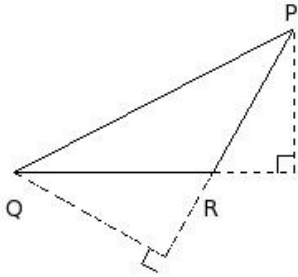


- (i) 66.17 cm (ii) 58.17 cm (iii) 60.17 cm (iv) 68.17 cm (v) 63.17 cm
16. In a right angled triangle $\triangle PQR$, if the base $QR = 12$ cm and the corresponding height is 15 cm, then area of the triangle =



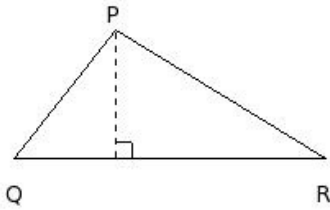
- (i) 90.00 sq.cm (ii) 93.00 sq.cm (iii) 85.00 sq.cm (iv) 95.00 sq.cm (v) 87.00 sq.cm

17. In $\triangle PQR$, if $QR = 12$ cm, $RP = 10$ cm and the corresponding height of side $QR = 8.73$ cm, then corresponding height of side $RP =$



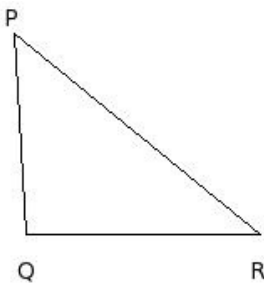
- (i) 7.48 cm (ii) 5.48 cm (iii) 15.48 cm (iv) 13.48 cm (v) 10.48 cm

18. In $\triangle PQR$, if base $QR = 19$ cm and the corresponding height of side $QR = 7.84$ cm, then area of the triangle =



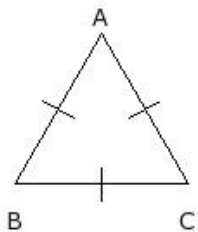
- (i) 79.46 sq.cm (ii) 71.46 sq.cm (iii) 69.46 sq.cm (iv) 74.46 sq.cm (v) 77.46 sq.cm

19. In $\triangle PQR$, if corresponding height of side $QR = 11.98$ cm and area of the triangle = 83.84 sq.cm, then side $QR =$



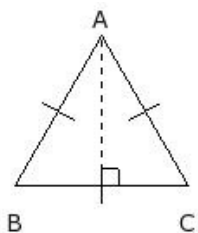
- (i) 14.00 cm (ii) 17.00 cm (iii) 9.00 cm (iv) 19.00 cm (v) 11.00 cm

20. If perimeter of an equilateral triangle 30 cm, the side of the equilateral triangle =



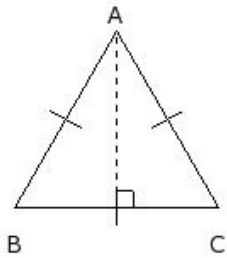
- (i) 7.00 cm (ii) 13.00 cm (iii) 5.00 cm (iv) 10.00 cm (v) 15.00 cm

21. If perimeter of an equilateral triangle 30 cm, the height of the equilateral triangle =



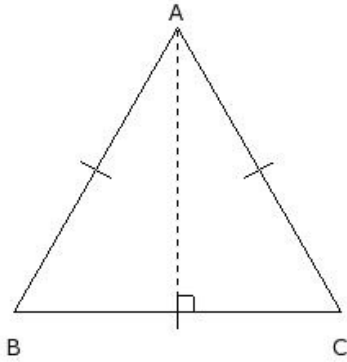
- (i) 7.66 cm (ii) 6.66 cm (iii) 8.66 cm (iv) 9.66 cm (v) 10.66 cm

22. If height of an equilateral triangle is 10.39 cm, the side of the equilateral triangle =



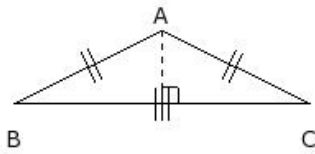
- (i) 12.00 cm (ii) 17.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 15.00 cm

23. If height of an equilateral triangle is 17.32 cm, the perimeter of the equilateral triangle =



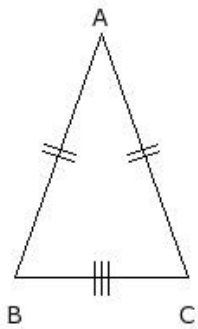
- (i) 60.00 cm (ii) 65.00 cm (iii) 57.00 cm (iv) 55.00 cm (v) 63.00 cm

24. In an isosceles triangle $\triangle ABC$, if $BC = 18$ cm, $AB = CA = 10$ cm, then corresponding height of side $BC =$



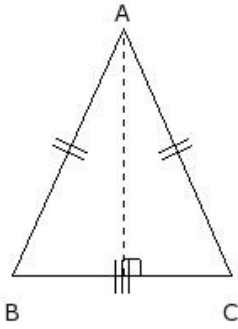
- (i) 5.36 cm (ii) 3.36 cm (iii) 6.36 cm (iv) 2.36 cm (v) 4.36 cm

25. In an isosceles triangle $\triangle ABC$, if $BC = 10$ cm, $CA = AB$ and perimeter is 40 cm, then side $AB =$



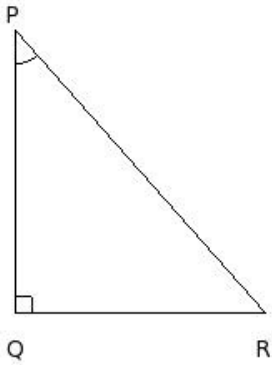
- (i) 10.00 cm (ii) 12.00 cm (iii) 15.00 cm (iv) 18.00 cm (v) 20.00 cm

26. In an isosceles triangle $\triangle ABC$, if base $BC = 13$ cm and the corresponding height is 14.62 cm, then area of the triangle =



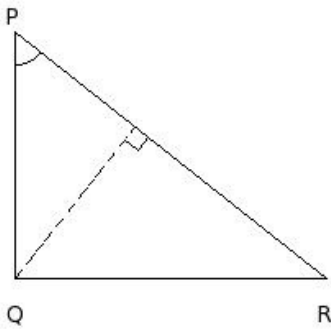
- (i) 92.03 sq.cm (ii) 100.03 sq.cm (iii) 98.03 sq.cm (iv) 95.03 sq.cm (v) 90.03 sq.cm

27. In a right angled triangle $\triangle PQR$, if $QR = 15$ cm, $PQ = 17$ cm are the lengths of perpendicular sides, then corresponding height of side $QR =$



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

28. In a right angled triangle $\triangle PQR$, if $QR = 19$ cm, $PQ = 15$ cm are the lengths of perpendicular sides, then corresponding height of side $RP =$



- (i) 11.77 cm (ii) 14.77 cm (iii) 6.77 cm (iv) 16.77 cm (v) 8.77 cm

Assignment Key

1) (iii)	2) (ii)	3) (i)	4) (i)	5) (iii)	6) (iii)
7) (v)	8) (v)	9) (v)	10) (i)	11) (v)	12) (i)
13) (ii)	14) (iii)	15) (v)	16) (i)	17) (v)	18) (iv)
19) (i)	20) (iv)	21) (iii)	22) (i)	23) (i)	24) (v)
25) (iii)	26) (iv)	27) (ii)	28) (i)		