EduSahara™ Learning Center Assignment

Grade : Class VI, ICSE
Chapter : Perimeter and Area of Plane Figures
Name : Area of Plane Figures
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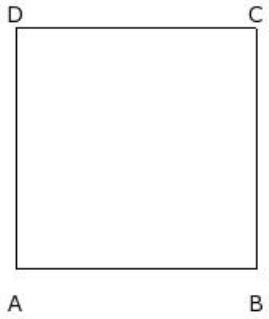
1. If the side of a square is 15.00 cm, the area of the square =



(i) 221.00 sq.cm (ii) 238.00 sq.cm (iii) 225.00 sq.cm (iv) 241.00 sq.cm (v) 198.00 sq.cm

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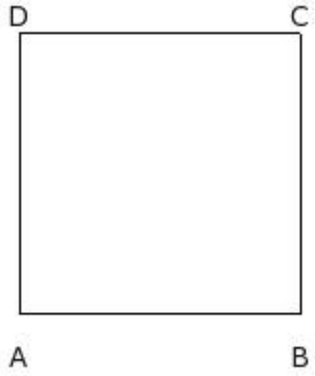
2. If the perimeter of a square is 56.00 cm, the area of the square =



(i) 201.00 sq.cm (ii) 210.00 sq.cm (iii) 193.00 sq.cm (iv) 180.00 sq.cm (v) 196.00 sq.cm

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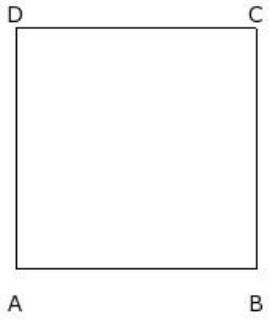
3. If the area of a square is 225.00 sq.cm, the side of the square =



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

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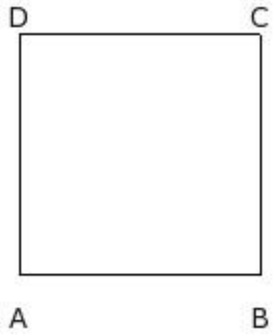
4. If the area of a square is 144.00 sq.cm, the perimeter of the square =



(i) 51.00 cm (ii) 53.00 cm (iii) 43.00 cm (iv) 45.00 cm (v) 48.00 cm

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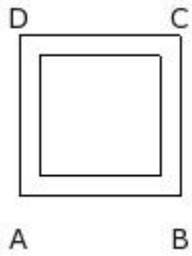
5. If the outer and inner sides of a square path are 8.00 cm and 6.00 cm respectively, the area of the square path =



(i) 23.00 sq.cm (ii) 25.00 sq.cm (iii) 31.00 sq.cm (iv) 33.00 sq.cm (v) 28.00 sq.cm

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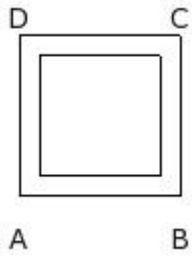
6. If the width of a square path is 1.00 cm and inner side is 6.00 cm, the area of the square path =



(i) 31.00 sq.cm (ii) 25.00 sq.cm (iii) 23.00 sq.cm (iv) 33.00 sq.cm (v) 28.00 sq.cm

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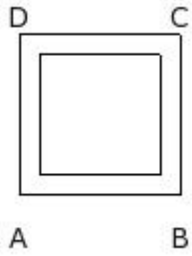
7. If the width of a square path is 1.00 cm and outer side is 8.00 cm, the area of the square path =



(i) 25.00 sq.cm (ii) 31.00 sq.cm (iii) 33.00 sq.cm (iv) 23.00 sq.cm (v) 28.00 sq.cm

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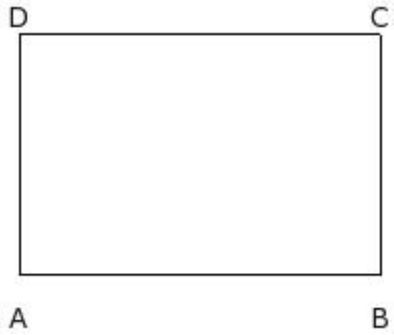
8. If the length and breadth of a rectangle are 18.00 cm and 12.00 cm respectively, the area of the rectangle =



(i) 216.00 sq.cm (ii) 203.00 sq.cm (iii) 238.00 sq.cm (iv) 231.00 sq.cm (v) 192.00 sq.cm

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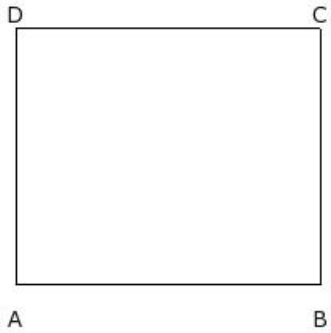
9. If the length and perimeter of a rectangle are 19.00 cm and 70.00 cm respectively, the area of the rectangle =



(i) 331.00 sq.cm (ii) 287.00 sq.cm (iii) 290.00 sq.cm (iv) 304.00 sq.cm (v) 320.00 sq.cm

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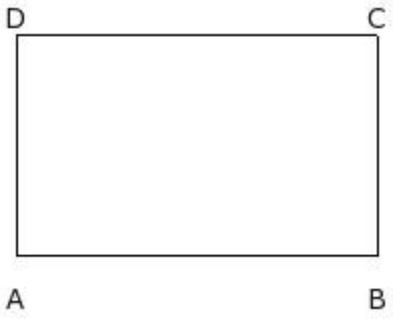
10. If the length and area of a rectangle are 18.00 cm and 198.00 sq.cm respectively, the breadth of the rectangle =



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

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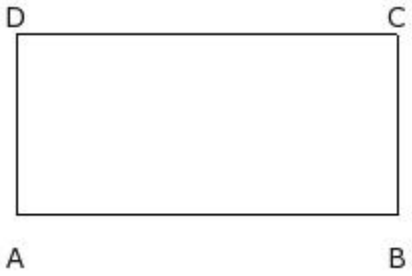
11. If the length and area of a rectangle are 19.00 cm and 171.00 sq.cm respectively, the perimeter of the rectangle =



(i) 51.00 cm (ii) 61.00 cm (iii) 56.00 cm (iv) 59.00 cm (v) 53.00 cm

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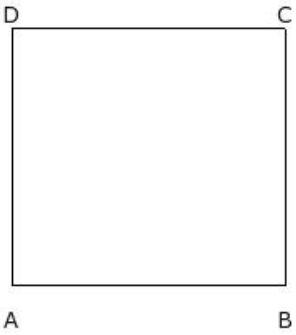
12. If the breadth and perimeter of a rectangle are 16.00 cm and 66.00 cm respectively, the length of the rectangle =



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

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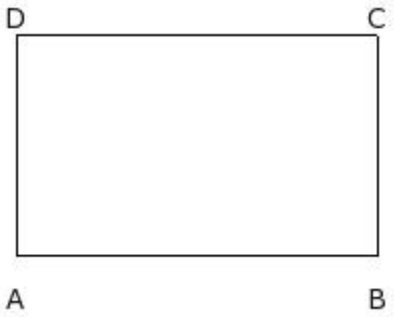
13. If the breadth and perimeter of a rectangle are 11.00 cm and 58.00 cm respectively, the area of the rectangle =



(i) 213.00 sq.cm (ii) 170.00 sq.cm (iii) 198.00 sq.cm (iv) 201.00 sq.cm (v) 186.00 sq.cm

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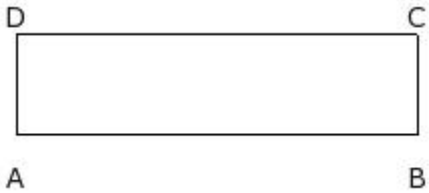
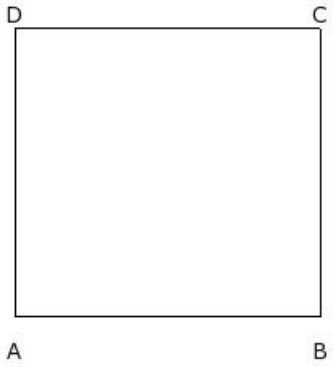
14. If the breadth and area of a rectangle are 5.00 cm and 100.00 sq.cm respectively, the length of the rectangle =



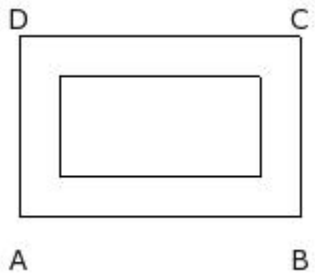
(i) 23.00 cm (ii) 25.00 cm (iii) 20.00 cm (iv) 17.00 cm (v) 15.00 cm

15. If the breadth and area of a rectangle are 18.00 cm and 342.00 sq.cm respectively, the perimeter of the rectangle =



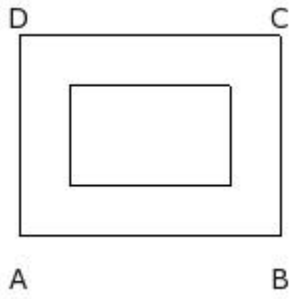
(i) 79.00 cm (ii) 74.00 cm (iii) 71.00 cm (iv) 69.00 cm (v) 77.00 cm

16. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 10.00 cm, 5.00 cm, 14.00 cm and 9.00 cm respectively, the width of the rectangular path =



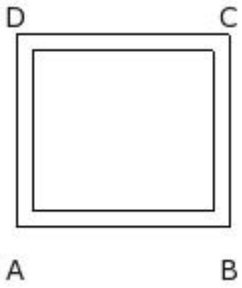
(i) 2.00 cm (ii) 0.00 cm (iii) 1.00 cm (iv) 3.00 cm (v) 4.00 cm

17. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 8.00 cm, 5.00 cm, 13.00 cm and 10.00 cm respectively, the area of the rectangular path =



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

18. If the inner length, inner breadth and width of a rectangular path are 9.00 cm, 8.00 cm and 0.80 cm respectively, the area of the rectangular path =



(i) 32.76 sq.cm (ii) 34.76 sq.cm (iii) 29.76 sq.cm (iv) 24.76 sq.cm (v) 26.76 sq.cm

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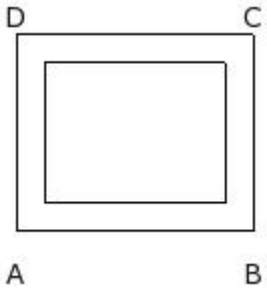
19. If the outer length, outer breadth and width of a rectangular path are 11.80 cm, 9.80 cm and 1.40 cm respectively, the area of the rectangular path =



(i) 57.64 sq.cm (ii) 47.64 sq.cm (iii) 55.64 sq.cm (iv) 49.64 sq.cm (v) 52.64 sq.cm

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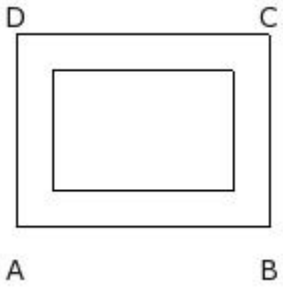
20. If the inner length, outer breadth and width of a rectangular path are 9.00 cm, 9.60 cm and 1.80 cm respectively, the area of the rectangular path =



(i) 66.96 sq.cm (ii) 61.96 sq.cm (iii) 63.96 sq.cm (iv) 71.96 sq.cm (v) 69.96 sq.cm

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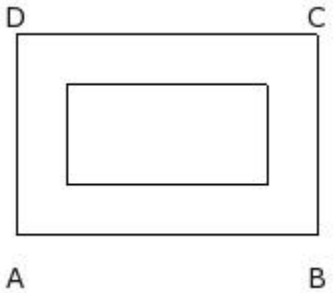
21. If the outer length, inner breadth and width of a rectangular path are 15.00 cm, 5.00 cm and 2.50 cm respectively, the area of the rectangular path =



(i) 100.00 sq.cm (ii) 73.00 sq.cm (iii) 96.00 sq.cm (iv) 128.00 sq.cm (v) 105.00 sq.cm

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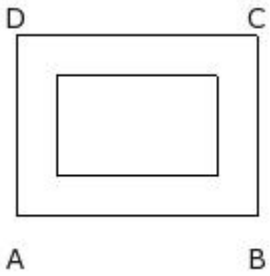
22. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 8.00 cm, 9.00 cm and 40.00 sq.cm respectively, the area of the rectangular path =



(i) 73.00 sq.cm (ii) 63.00 sq.cm (iii) 71.00 sq.cm (iv) 68.00 sq.cm (v) 65.00 sq.cm

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23. 480072.8196 sq.mm =

(i) 4802.72820 sq.cm (ii) 4800.72820 sq.cm

(iii) 4798.72820 sq.cm (iv) 4799.72820 sq.cm

(v) 4801.72820 sq.cm

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24. 11.1565 sq.cm =

(i) 1113.65000 sq.mm (ii) 1114.65000 sq.mm

(iii) 1117.65000 sq.mm (iv) 1115.65000 sq.mm

(v) 1116.65000 sq.mm

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25. 679314.1560 sq.cm =

(i) 65.93142 sq.mts (ii) 68.93142 sq.mts

(iii) 67.93142 sq.mts (iv) 69.93142 sq.mts

(v) 66.93142 sq.mts

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26. 0.1711 sq.mts =

(i) 1713.00000 sq.cm (ii) 1710.00000 sq.cm

(iii) 1709.00000 sq.cm (iv) 1712.00000 sq.cm

(v) 1711.00000 sq.cm

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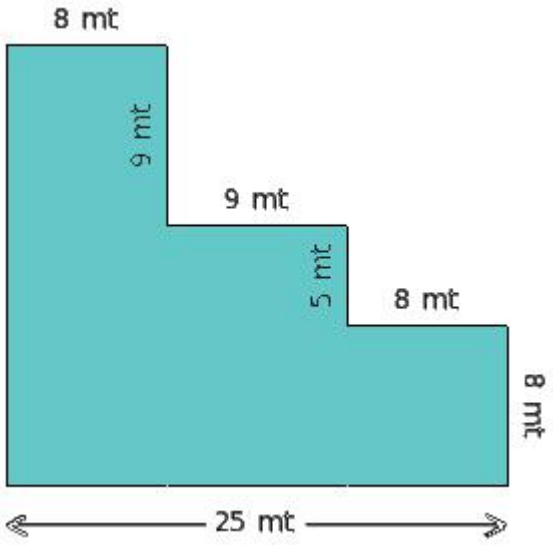
27. Find the area of the shaded region given below



(i) 357.00 sq.mts (ii) 352.00 sq.mts (iii) 361.00 sq.mts

(iv) 340.00 sq.mts (v) 373.00 sq.mts

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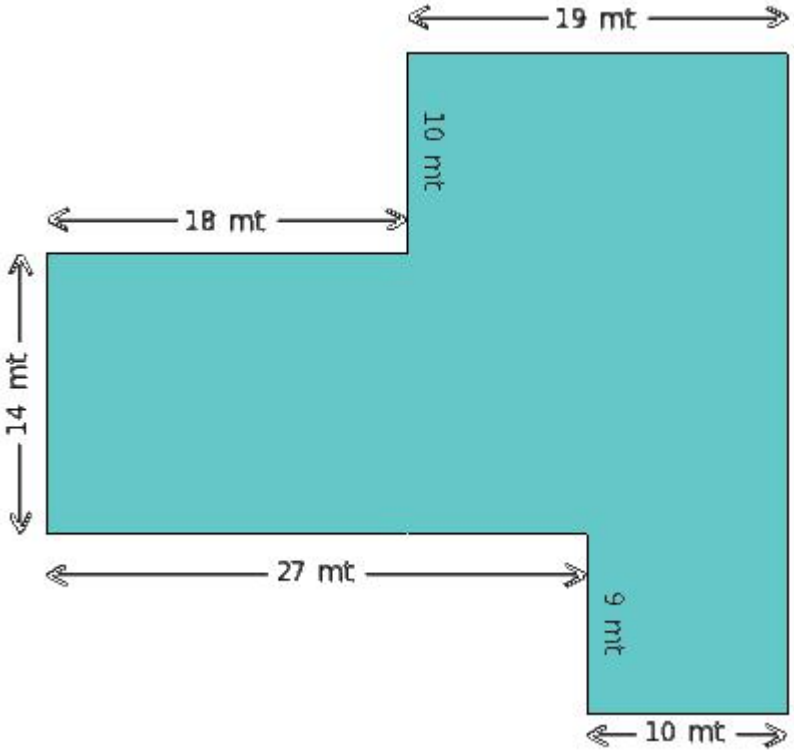
28. Find the area of the shaded region given below



(i) 810.00 sq.mts (ii) 798.00 sq.mts (iii) 811.00 sq.mts

(iv) 785.00 sq.mts (v) 770.00 sq.mts

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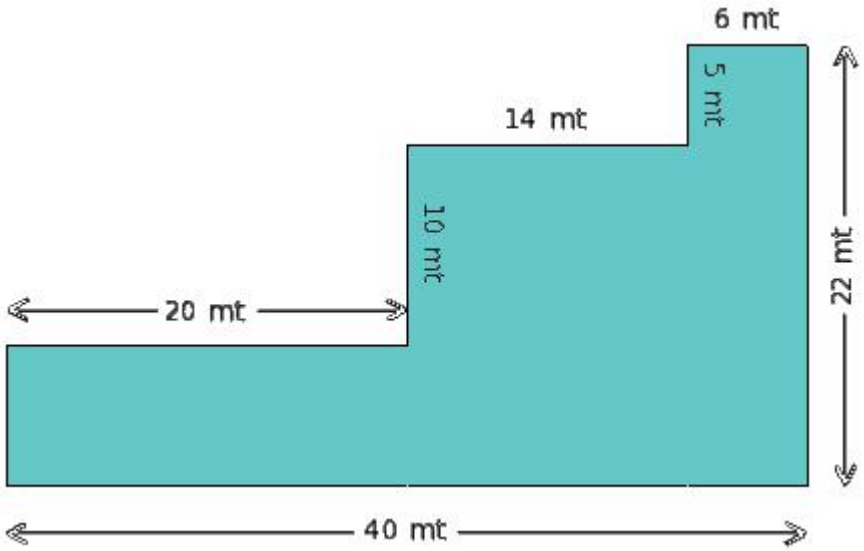
29. Find the area of the shaded region given below



(i) 514.00 sq.mts (ii) 493.00 sq.mts (iii) 526.00 sq.mts

(iv) 492.00 sq.mts (v) 510.00 sq.mts

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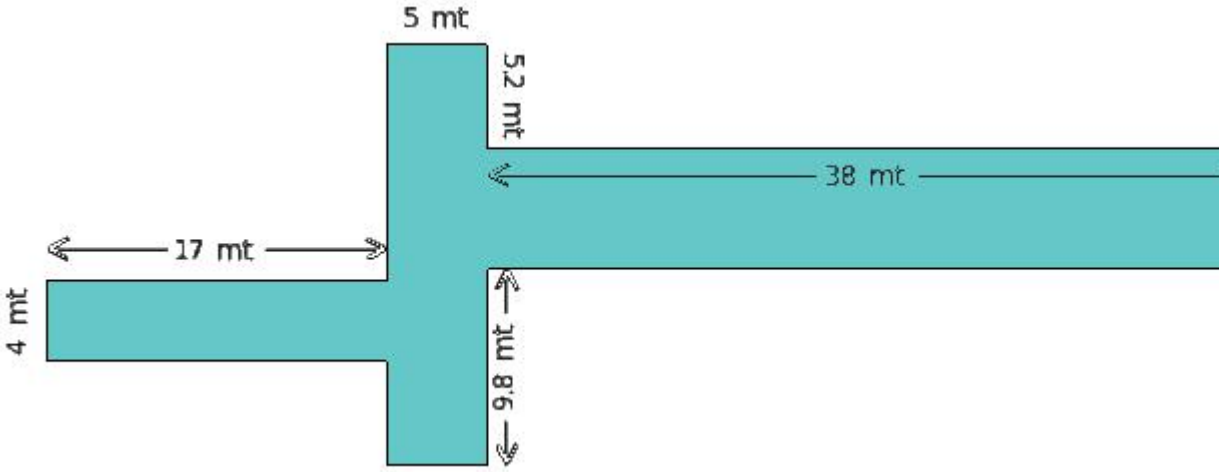
30. Find the area of the shaded region given below



(i) 375.00 sq.mts (ii) 401.00 sq.mts (iii) 398.00 sq.mts

(iv) 418.00 sq.mts (v) 419.00 sq.mts

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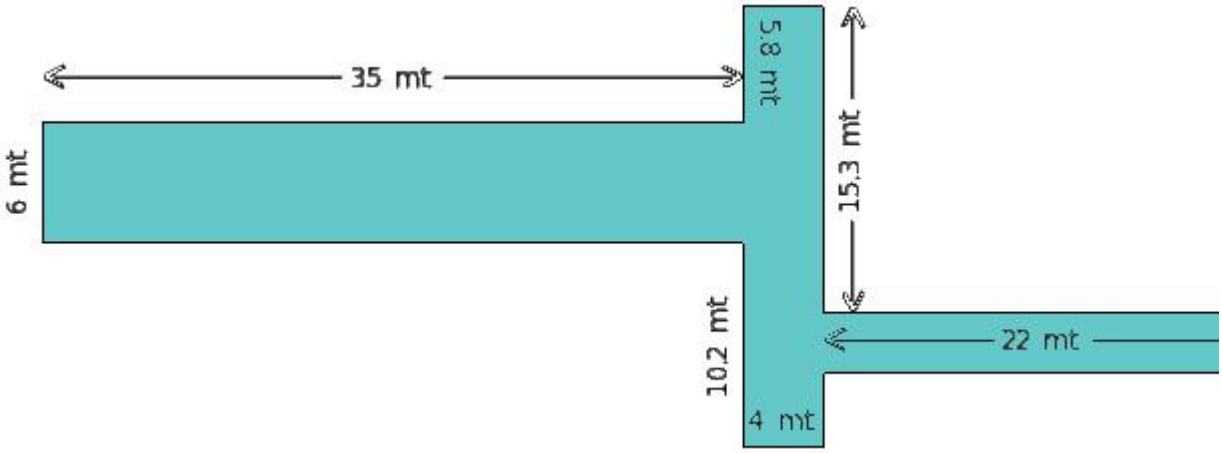
31. Find the area of the shaded region given below



(i) 362.00 sq.mts (ii) 367.00 sq.mts (iii) 379.00 sq.mts

(iv) 364.00 sq.mts (v) 338.00 sq.mts

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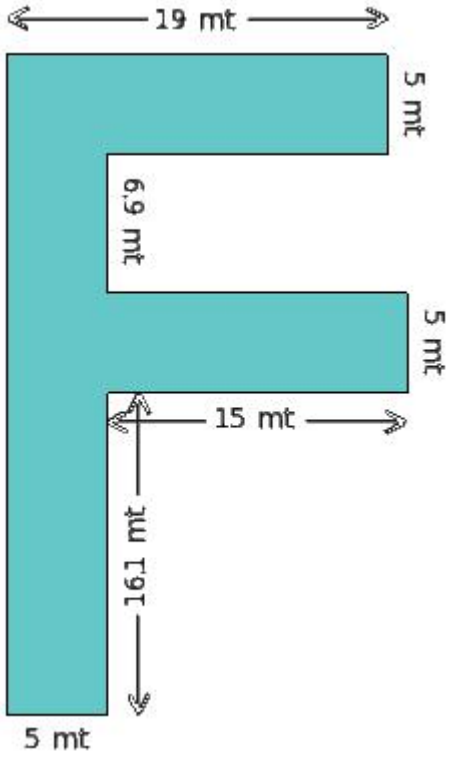
32. Find the area of the shaded region given below



(i) 285.00 sq.mts (ii) 310.00 sq.mts (iii) 307.00 sq.mts

(iv) 322.00 sq.mts (v) 334.00 sq.mts

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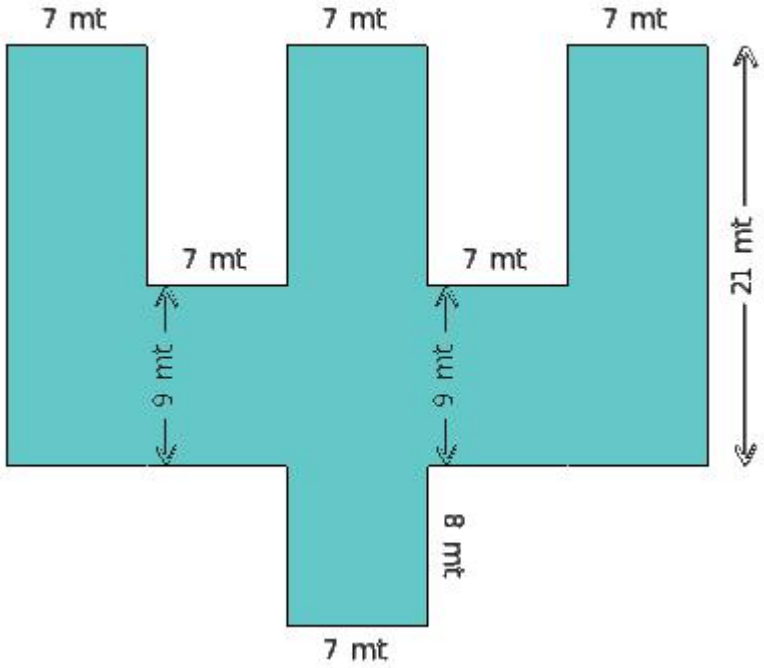
33. Find the area of the shaded region given below



(i) 637.00 sq.mts (ii) 645.00 sq.mts (iii) 608.00 sq.mts

(iv) 610.00 sq.mts (v) 623.00 sq.mts

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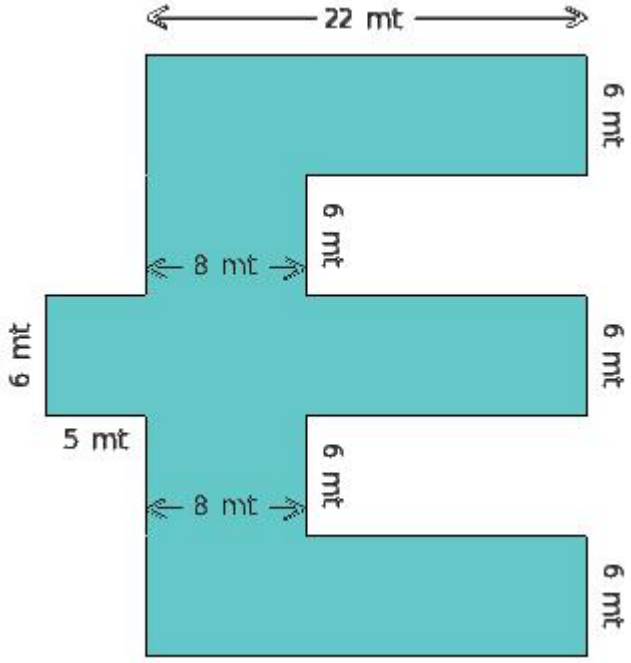
34. Find the area of the shaded region given below



(i) 538.00 sq.mts (ii) 537.00 sq.mts (iii) 522.00 sq.mts

(iv) 510.00 sq.mts

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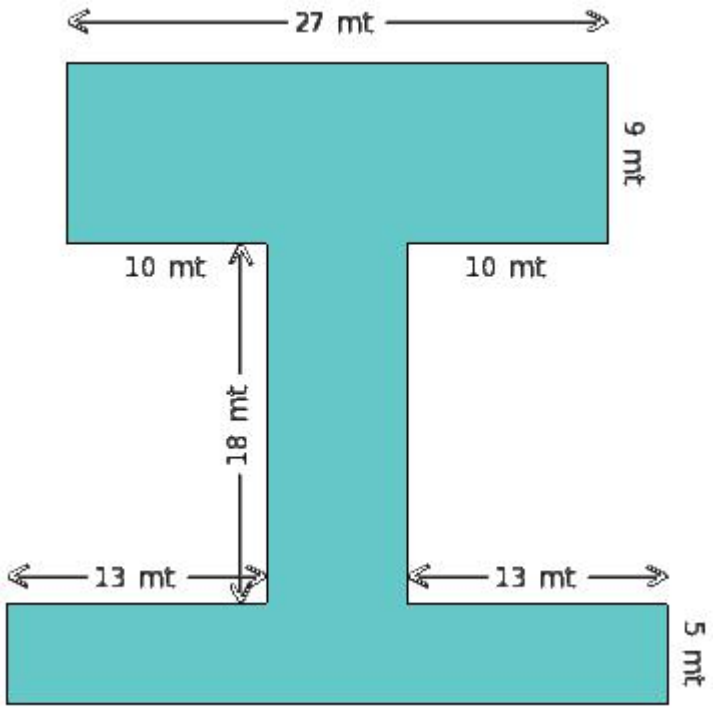
35. Find the area of the shaded region given below



(i) 520.00 sq.mts (ii) 516.00 sq.mts (iii) 548.00 sq.mts

(iv) 534.00 sq.mts (v) 552.00 sq.mts

Assignment Key

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