

Mensuration questions with answers

15 exam-shaped questions with full worked solutions.

For IBPS · SBI · SSC · Railway quant.

Free, share it forward. Every question in this set was generated and verified by the ComputePrep engine — the same one behind the free daily timed drill at **computeprep.com**.

The questions

Work them on paper first. Full solutions start after question 15 — the numbering matches.

QUESTION 1

What is its area?

A square plot has a side of 4 m.

- A. 28
 - B. 31
 - C. 36
 - D. 8
 - E. 16
-

QUESTION 2

What is its area?

A rectangular field is 30 m long and 11 m wide.

- A. 82
 - B. 333
 - C. 342
 - D. 330
 - E. 660
-

QUESTION 3

What is its perimeter?

A square plot has a side of 18 m.

- A. 22
 - B. 72
 - C. 18
 - D. 36
 - E. 324
-

QUESTION 4

What is its area?

A rectangular field is 23 m long and 4 m wide.

- A. 42
 - B. 184
 - C. 93
 - D. 54
 - E. 92
-

QUESTION 5**What is its area?**

A square plot has a side of 23 m.

- A. 92
 - B. 529
 - C. 535
 - D. 542
 - E. 549
-

QUESTION 6**What is its area?**

A square plot has a side of 30 m.

- A. 898
 - B. 900
 - C. 887
 - D. 120
 - E. 60
-

QUESTION 7**What is its area?**

A square plot has a side of 5 m.

- A. 36
 - B. 20
 - C. 75
 - D. 28
 - E. 25
-

QUESTION 8**What is its area?**

A rectangular field is 22 m long and 17 m wide.

- A. 187
 - B. 78
 - C. 39
 - D. 748
 - E. 374
-

QUESTION 9**What is its circumference?**

A circular park has a radius of 21 m. (Take $\pi = 22/7$.)

- A. 143
 - B. 66
 - C. 132
 - D. 182
 - E. 1386
-

QUESTION 10**What is its perimeter?**

A square plot has a side of 21 m.

- A. 21
 - B. 441
 - C. 42
 - D. 84
 - E. 63
-

QUESTION 11**What is its area?**

A square plot has a side of 23 m.

- A. 540
 - B. 529
 - C. 533
 - D. 92
 - E. 539
-

QUESTION 12**What is its volume?**

A tank measures $33\text{ m} \times 27\text{ m} \times 15\text{ m}$.

- A. 75
 - B. 3582
 - C. 891
 - D. 13375
 - E. 13365
-

QUESTION 13**What is its area?**

A rectangular field is 22 m long and 9 m wide.

- A. 62
 - B. 396
 - C. 198
 - D. 218
 - E. 201
-

QUESTION 14**What is its perimeter?**

A square plot has a side of 22 m.

- A. 58
 - B. 94
 - C. 88
 - D. 99
 - E. 484
-

QUESTION 15

What is its area?

A square plot has a side of 21 m.

- A. 461
 - B. 434
 - C. 84
 - D. 42
 - E. 441
-

Answers and worked solutions

Each walkthrough is the engine's own elimination order, step for step — not a reconstruction written after the fact.

SOLUTION 1

Answer: **16**

1. $\text{Area} = \text{side}^2 = 4 \times 4 = 16 \text{ m}^2$.
 2. Answer: 16 m^2 .
-

SOLUTION 2

Answer: **330**

1. $\text{Area} = \text{length} \times \text{breadth} = 30 \times 11 = 330 \text{ m}^2$.
 2. Answer: 330 m^2 .
-

SOLUTION 3

Answer: **72**

1. $\text{Perimeter} = 4 \times \text{side} = 4 \times 18 = 72 \text{ m}$ — perimeter is a length, area is a square.
 2. Answer: 72 m .
-

SOLUTION 4

Answer: **92**

1. $\text{Area} = \text{length} \times \text{breadth} = 23 \times 4 = 92 \text{ m}^2$.
 2. Answer: 92 m^2 .
-

SOLUTION 5

Answer: **529**

1. $\text{Area} = \text{side}^2 = 23 \times 23 = 529 \text{ m}^2$.
 2. Answer: 529 m^2 .
-

SOLUTION 6

Answer: **900**

1. $\text{Area} = \text{side}^2 = 30 \times 30 = 900 \text{ m}^2$.
 2. Answer: 900 m^2 .
-

SOLUTION 7

Answer: **25**

1. $\text{Area} = \text{side}^2 = 5 \times 5 = 25 \text{ m}^2$.
 2. Answer: 25 m^2 .
-

SOLUTION 8

Answer: **374**

1. $\text{Area} = \text{length} \times \text{breadth} = 22 \times 17 = 374 \text{ m}^2$.
 2. Answer: 374 m^2 .
-

SOLUTION 9

Answer: **132**

1. Circumference = $2\pi r = 2 \times (22/7) \times 21 = 132$ m — circumference uses r , area uses r^2 .
 2. Answer: 132 m.
-

SOLUTION 10

Answer: **84**

1. Perimeter = $4 \times \text{side} = 4 \times 21 = 84$ m — perimeter is a length, area is a square.
 2. Answer: 84 m.
-

SOLUTION 11

Answer: **529**

1. Area = $\text{side}^2 = 23 \times 23 = 529$ m².
 2. Answer: 529 m².
-

SOLUTION 12

Answer: **13365**

1. Volume = length $\times$ breadth $\times$ height = $33 \times 27 \times 15 = 13365$ m³.
 2. Answer: 13365 m³.
-

SOLUTION 13

Answer: **198**

1. Area = length $\times$ breadth = $22 \times 9 = 198$ m².
 2. Answer: 198 m².
-

SOLUTION 14

Answer: **88**

1. Perimeter = $4 \times \text{side} = 4 \times 22 = 88$ m — perimeter is a length, area is a square.
 2. Answer: 88 m.
-

SOLUTION 15

Answer: **441**

1. Area = $\text{side}^2 = 21 \times 21 = 441$ m².
 2. Answer: 441 m².
-

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A worked set teaches the shape; a clock teaches the speed. ComputePrep serves a free timed round every day, with a streak, a leaderboard and the full walkthrough after every round.

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