

# Average 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](https://computeprep.com)**.

# The questions

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

## QUESTION 1

**Averages — total and mean, no paper.**

The average of 4 numbers is 36. What is their total?

- A. 108
  - B. 144
  - C. 134
  - D. 36
  - E. 40
- 

## QUESTION 2

**Averages — total and mean, no paper.**

The average of 7 numbers is 43. What is their total?

- A. 310
  - B. 43
  - C. 311
  - D. 301
  - E. 344
- 

## QUESTION 3

**Averages — total and mean, no paper.**

The average of 8 numbers is 56. The other 7 of them add up to 384. What is the remaining number?

- A. 56
  - B. 54
  - C. 63
  - D. 448
  - E. 64
- 

## QUESTION 4

**Averages — total and mean, no paper.**

The average of 7 numbers is 16. The other 6 of them add up to 103. What is the remaining number?

- A. 103
  - B. 112
  - C. 16
  - D. 96
  - E. 9
-

**QUESTION 5****Averages — total and mean, no paper.**

The average of 5 numbers is 45. The other 4 of them add up to 192. What is the remaining number?

- A. 45
  - B. 23
  - C. 33
  - D. 225
  - E. 192
- 

**QUESTION 6****Averages — total and mean, no paper.**

The average of 10 numbers is 59. One of them, 52, is replaced by 92. What is the new average?

- A. 63
  - B. 99
  - C. 64
  - D. 73
  - E. 59
- 

**QUESTION 7****Averages — total and mean, no paper.**

The average of 9 numbers is 18. What is their total?

- A. 18
  - B. 144
  - C. 162
  - D. 180
  - E. 172
- 

**QUESTION 8****Averages — total and mean, no paper.**

The average of 8 numbers is 15. What is their total?

- A. 105
  - B. 130
  - C. 15
  - D. 120
  - E. 135
- 

**QUESTION 9****Averages — total and mean, no paper.**

The average of 8 numbers is 47. The other 7 of them add up to 318. What is the remaining number?

- A. 318
  - B. 58
  - C. 47
  - D. 376
  - E. 329
-

**QUESTION 10****Averages — total and mean, no paper.**

The average of 9 numbers is 37. The other 8 of them add up to 306. What is the remaining number?

- A. 37
  - B. 20
  - C. 14
  - D. 27
  - E. 17
- 

**QUESTION 11****Averages — total and mean, no paper.**

The average of 9 numbers is 57. The other 8 of them add up to 454. What is the remaining number?

- A. 454
  - B. 57
  - C. 513
  - D. 456
  - E. 59
- 

**QUESTION 12****Averages — total and mean, no paper.**

The average of 6 numbers is 33. One of them, 59, is replaced by 83. What is the new average?

- A. 37
  - B. 33
  - C. 36
  - D. 29
  - E. 57
- 

**QUESTION 13****Averages — total and mean, no paper.**

The average of 9 numbers is 42. What is their total?

- A. 42
  - B. 336
  - C. 368
  - D. 51
  - E. 378
- 

**QUESTION 14****Averages — total and mean, no paper.**

The average of 6 numbers is 22. What is their total?

- A. 154
  - B. 22
  - C. 110
  - D. 28
  - E. 132
-

**QUESTION 15**

**Averages — total and mean, no paper.**

The average of 9 numbers is 19. The other 8 of them add up to 139. What is the remaining number?

- A. 22
  - B. 32
  - C. 19
  - D. 171
  - E. 139
-

# 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: **144**

1. Total = count  $\times$  average — the definition, read backwards.
  2.  $4 \times 36 = 144$ . Total: 144.
- 

## SOLUTION 2

Answer: **301**

1. Total = count  $\times$  average — the definition, read backwards.
  2.  $7 \times 43 = 301$ . Total: 301.
- 

## SOLUTION 3

Answer: **64**

1. All 8 together:  $8 \times 56 = 448$ .
  2. Subtract the 7 you were given:  $448 - 384 = 64$ . The remaining number is 64.
- 

## SOLUTION 4

Answer: **9**

1. All 7 together:  $7 \times 16 = 112$ .
  2. Subtract the 6 you were given:  $112 - 103 = 9$ . The remaining number is 9.
- 

## SOLUTION 5

Answer: **33**

1. All 5 together:  $5 \times 45 = 225$ .
  2. Subtract the 4 you were given:  $225 - 192 = 33$ . The remaining number is 33.
- 

## SOLUTION 6

Answer: **63**

1. Only the total moves:  $92 - 52 = 40$ .
  2. Spread that over 10 numbers — the average moves by  $40 \div 10 = 4$ , NOT by 40.
  3. New average:  $59 + 4 = 63$ .
- 

## SOLUTION 7

Answer: **162**

1. Total = count  $\times$  average — the definition, read backwards.
  2.  $9 \times 18 = 162$ . Total: 162.
- 

## SOLUTION 8

Answer: **120**

1. Total = count  $\times$  average — the definition, read backwards.
  2.  $8 \times 15 = 120$ . Total: 120.
-

**SOLUTION 9**

Answer: **58**

1. All 8 together:  $8 \times 47 = 376$ .
  2. Subtract the 7 you were given:  $376 - 318 = 58$ . The remaining number is 58.
- 

**SOLUTION 10**

Answer: **27**

1. All 9 together:  $9 \times 37 = 333$ .
  2. Subtract the 8 you were given:  $333 - 306 = 27$ . The remaining number is 27.
- 

**SOLUTION 11**

Answer: **59**

1. All 9 together:  $9 \times 57 = 513$ .
  2. Subtract the 8 you were given:  $513 - 454 = 59$ . The remaining number is 59.
- 

**SOLUTION 12**

Answer: **37**

1. Only the total moves:  $83 - 59 = 24$ .
  2. Spread that over 6 numbers — the average moves by  $24 \div 6 = 4$ , NOT by 24.
  3. New average:  $33 + 4 = 37$ .
- 

**SOLUTION 13**

Answer: **378**

1. Total = count  $\times$  average — the definition, read backwards.
  2.  $9 \times 42 = 378$ . Total: 378.
- 

**SOLUTION 14**

Answer: **132**

1. Total = count  $\times$  average — the definition, read backwards.
  2.  $6 \times 22 = 132$ . Total: 132.
- 

**SOLUTION 15**

Answer: **32**

1. All 9 together:  $9 \times 19 = 171$ .
  2. Subtract the 8 you were given:  $171 - 139 = 32$ . The remaining number is 32.
- 

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