

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**.

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. 16
 - C. 9
 - D. 19
 - E. 96
-

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

The average of 6 numbers is 39. The other 5 of them add up to 192. What is the remaining number?

- A. 39
 - B. 192
 - C. 42
 - D. 234
 - E. 32
-

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

The average of 9 numbers is 21. One of them, 36, is replaced by 63. What is the new average?

- A. 21
 - B. 23
 - C. 48
 - D. 24
 - E. 18
-

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

The average of 6 numbers is 53. What is their total?

- A. 329
 - B. 371
 - C. 328
 - D. 53
 - E. 318
-

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

The average of 8 numbers is 29. What is their total?

- A. 29
 - B. 232
 - C. 37
 - D. 203
 - E. 222
-

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

The average of 7 numbers is 27. The other 6 of them add up to 163. What is the remaining number?

- A. 14
 - B. 27
 - C. 13
 - D. 16
 - E. 26
-

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

The average of 7 numbers is 17. The other 6 of them add up to 94. What is the remaining number?

- A. 25
 - B. 19
 - C. 17
 - D. 15
 - E. 24
-

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

The average of 9 numbers is 48. The other 8 of them add up to 365. What is the remaining number?

- A. 67
 - B. 432
 - C. 54
 - D. 57
 - E. 48
-

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

The average of 7 numbers is 36. One of them, 26, is replaced by 61. What is the new average?

- A. 31
 - B. 41
 - C. 36
 - D. 35
 - E. 40
-

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

The average of 4 numbers is 28. What is their total?

- A. 140
 - B. 84
 - C. 32
 - D. 112
 - E. 28
-

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

The average of 4 numbers is 45. What is their total?

- A. 193
 - B. 180
 - C. 190
 - D. 225
 - E. 45
-

QUESTION 15**Averages — total and mean, no paper.**

The average of 9 numbers is 56. The other 8 of them add up to 435. What is the remaining number?

- A. 69
 - B. 59
 - C. 54
 - D. 56
 - E. 64
-

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.
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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: **42**

1. All 6 together: $6 \times 39 = 234$.
 2. Subtract the 5 you were given: $234 - 192 = 42$. The remaining number is 42.
-

SOLUTION 6

Answer: **24**

1. Only the total moves: $63 - 36 = 27$.
 2. Spread that over 9 numbers — the average moves by $27 \div 9 = 3$, NOT by 27.
 3. New average: $21 + 3 = 24$.
-

SOLUTION 7

Answer: **318**

1. Total = count $\times$ average — the definition, read backwards.
 2. $6 \times 53 = 318$. Total: 318.
-

SOLUTION 8

Answer: **232**

1. Total = count $\times$ average — the definition, read backwards.
 2. $8 \times 29 = 232$. Total: 232.
-

SOLUTION 9

Answer: **26**

1. All 7 together: $7 \times 27 = 189$.
 2. Subtract the 6 you were given: $189 - 163 = 26$. The remaining number is 26.
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SOLUTION 10

Answer: **25**

1. All 7 together: $7 \times 17 = 119$.
 2. Subtract the 6 you were given: $119 - 94 = 25$. The remaining number is 25.
-

SOLUTION 11

Answer: **67**

1. All 9 together: $9 \times 48 = 432$.
 2. Subtract the 8 you were given: $432 - 365 = 67$. The remaining number is 67.
-

SOLUTION 12

Answer: **41**

1. Only the total moves: $61 - 26 = 35$.
 2. Spread that over 7 numbers — the average moves by $35 \div 7 = 5$, NOT by 35.
 3. New average: $36 + 5 = 41$.
-

SOLUTION 13

Answer: **112**

1. Total = count $\times$ average — the definition, read backwards.
 2. $4 \times 28 = 112$. Total: 112.
-

SOLUTION 14

Answer: **180**

1. Total = count $\times$ average — the definition, read backwards.
 2. $4 \times 45 = 180$. Total: 180.
-

SOLUTION 15

Answer: **69**

1. All 9 together: $9 \times 56 = 504$.
 2. Subtract the 8 you were given: $504 - 435 = 69$. The remaining number is 69.
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