ComputePrep

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 6 numbers is 39. When two more numbers are included, the average becomes 41. What is the average of the two new numbers?

A. 46
B. 94
C. 53
D. 41
E. 47

QUESTION 7

Averages — total and mean, no paper.

The average of 4 numbers is 30. What is their total?

A. 90
B. 34
C. 30
D. 110
E. 120

QUESTION 8

Averages — total and mean, no paper.

The average of 8 numbers is 49. What is their total?

A. 392
B. 343
C. 49
D. 402
E. 441

QUESTION 9

Averages — total and mean, no paper.

The average of 6 numbers is 34. The other 5 of them add up to 180. What is the remaining number?

A. 34
B. 180
C. 204
D. 24
E. 14

QUESTION 10

Averages — total and mean, no paper.

The average of 5 numbers is 38. The other 4 of them add up to 170. What is the remaining number?

A. 38
B. 20
C. 190
D. 12
E. 10

QUESTION 11

Averages — total and mean, no paper.

The average of 8 numbers is 55. The other 7 of them add up to 375. What is the remaining number?

A. 57
B. 55
C. 50
D. 56
E. 65

QUESTION 12

Averages — total and mean, no paper.

The average age of 24 students in a class is 12 years. When the teacher's age is included, the average rises by 2 years. What is the teacher's age?

A. 62
B. 63
C. 72
D. 60
E. 14

QUESTION 13

Averages — total and mean, no paper.

The average of 6 numbers is 21. What is their total?

A. 136
B. 126
C. 21
D. 130
E. 147

QUESTION 14

Averages — total and mean, no paper.

The average of 4 numbers is 24. What is their total?

A. 97
B. 120
C. 106
D. 24
E. 96

QUESTION 15

Averages — total and mean, no paper.

The average of 9 numbers is 25. The other 8 of them add up to 188. What is the remaining number?

A. 25

B. 28

C. 27

D. 33

E. 37

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 × average — the definition, read backwards.
2. 4 × 36 = 144. Total: 144.

SOLUTION 2

Answer: **301**

1. Total = count × average — the definition, read backwards.
2. 7 × 43 = 301. Total: 301.

SOLUTION 3

Answer: **64**

1. All 8 together: 8 × 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 × 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 × 39 = 234.
2. Subtract the 5 you were given: 234 − 192 = 42. The remaining number is 42.

SOLUTION 6

Answer: **47**

1. Total before: 6 × 39 = 234. Total after: 8 × 41 = 328.
2. The two new numbers add up to 328 − 234 = 94.
3. Their average: 94 ÷ 2 = 47.

SOLUTION 7

Answer: **120**

1. Total = count × average — the definition, read backwards.
2. 4 × 30 = 120. Total: 120.

SOLUTION 8

Answer: **392**

1. Total = count × average — the definition, read backwards.
2. 8 × 49 = 392. Total: 392.

SOLUTION 9

Answer: **24**

1. All 6 together: 6 × 34 = 204.
2. Subtract the 5 you were given: 204 − 180 = 24. The remaining number is 24.

SOLUTION 10

Answer: **20**

1. All 5 together: 5 × 38 = 190.
2. Subtract the 4 you were given: 190 − 170 = 20. The remaining number is 20.

SOLUTION 11

Answer: **65**

1. All 8 together: 8 × 55 = 440.
2. Subtract the 7 you were given: 440 − 375 = 65. The remaining number is 65.

SOLUTION 12

Answer: **62**

1. Students' total: 24 × 12 = 288.
2. With the teacher: 25 × 14 = 350.
3. Teacher's age: 350 − 288 = 62.

SOLUTION 13

Answer: **126**

1. Total = count × average — the definition, read backwards.
2. 6 × 21 = 126. Total: 126.

SOLUTION 14

Answer: **96**

1. Total = count × average — the definition, read backwards.
2. 4 × 24 = 96. Total: 96.

SOLUTION 15

Answer: **37**

1. All 9 together: 9 × 25 = 225.
2. Subtract the 8 you were given: 225 − 188 = 37. The remaining number is 37.

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