

Speed distance and time 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

How far does it travel?

A train runs at a steady 72 km/h for 4 hours.

- A. 288
 - B. 72
 - C. 283
 - D. 76
 - E. 18
-

QUESTION 2

How far does it travel?

A train runs at a steady 30 km/h for 5 hours.

- A. 156
 - B. 150
 - C. 180
 - D. 157
 - E. 35
-

QUESTION 3

How long does the journey take?

A train covers 640 km at a steady 80 km/h.

- A. 9
 - B. 16
 - C. 560
 - D. 8
 - E. 80
-

QUESTION 4

How far does it travel?

A train runs at a steady 30 km/h for 8 hours.

- A. 270
 - B. 240
 - C. 38
 - D. 252
 - E. 243
-

QUESTION 5**How far does it travel?**

A train runs at a steady 30 km/h for 5 hours.

- A. 6
 - B. 180
 - C. 150
 - D. 35
 - E. 30
-

QUESTION 6**What is its average speed for the whole journey?**

A car covers a certain distance at 20 km/h and returns along the same route at 60 km/h.

- A. 30
 - B. 80
 - C. 19
 - D. 40
 - E. 15
-

QUESTION 7**How long does the journey take?**

A train covers 280 km at a steady 40 km/h.

- A. 40
 - B. 14
 - C. 7
 - D. 8
 - E. 240
-

QUESTION 8**How long does the journey take?**

A train covers 360 km at a steady 40 km/h.

- A. 9
 - B. 2
 - C. 320
 - D. 0
 - E. 7
-

QUESTION 9**What is its average speed for the whole journey?**

A car covers a certain distance at 10 km/h and returns along the same route at 40 km/h.

- A. 16
 - B. 30
 - C. 50
 - D. 26
 - E. 25
-

QUESTION 10**How long does the journey take?**

A train covers 80 km at a steady 40 km/h.

- A. 2
 - B. 5
 - C. 0
 - D. 1
 - E. 40
-

QUESTION 11**How long does the journey take?**

A train covers 90 km at a steady 30 km/h.

- A. 4
 - B. 3
 - C. 30
 - D. 6
 - E. 60
-

QUESTION 12**What is its average speed for the whole journey?**

A car covers a certain distance at 20 km/h and returns along the same route at 60 km/h.

- A. 22
 - B. 21
 - C. 30
 - D. 16
 - E. 40
-

QUESTION 13**How long does the journey take?**

A train covers 216 km at a steady 72 km/h.

- A. 1
 - B. 144
 - C. 2
 - D. 3
 - E. 0
-

QUESTION 14**How far does it travel?**

A train runs at a steady 30 km/h for 9 hours.

- A. 3
 - B. 30
 - C. 300
 - D. 39
 - E. 270
-

QUESTION 15

How far does it travel?

A train runs at a steady 50 km/h for 5 hours.

- A. 10
 - B. 250
 - C. 300
 - D. 55
 - E. 263
-

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: **288**

1. Distance = speed $\times$ time = $72 \times 4 = 288$ km.
 2. Answer: 288 km.
-

SOLUTION 2

Answer: **150**

1. Distance = speed $\times$ time = $30 \times 5 = 150$ km.
 2. Answer: 150 km.
-

SOLUTION 3

Answer: **8**

1. Time = distance $\div$ speed = $640 \div 80 = 8$ hours.
 2. Answer: 8 hours.
-

SOLUTION 4

Answer: **240**

1. Distance = speed $\times$ time = $30 \times 8 = 240$ km.
 2. Answer: 240 km.
-

SOLUTION 5

Answer: **150**

1. Distance = speed $\times$ time = $30 \times 5 = 150$ km.
 2. Answer: 150 km.
-

SOLUTION 6

Answer: **30**

1. Equal distances, different speeds — the average is HARMONIC, not the plain mean.
 2. Average = $2 \times 20 \times 60 \div (20 + 60) = 2400 \div 80 = 30$ km/h.
 3. The tempting 40 km/h is wrong: more time is spent on the slower leg.
 4. Answer: 30 km/h.
-

SOLUTION 7

Answer: **7**

1. Time = distance $\div$ speed = $280 \div 40 = 7$ hours.
 2. Answer: 7 hours.
-

SOLUTION 8

Answer: **9**

1. Time = distance $\div$ speed = $360 \div 40 = 9$ hours.
2. Answer: 9 hours.

SOLUTION 9**Answer: 16**

1. Equal distances, different speeds — the average is HARMONIC, not the plain mean.
 2. $\text{Average} = 2 \times 10 \times 40 \div (10 + 40) = 800 \div 50 = 16 \text{ km/h}$.
 3. The tempting 25 km/h is wrong: more time is spent on the slower leg.
 4. Answer: 16 km/h.
-

SOLUTION 10**Answer: 2**

1. $\text{Time} = \text{distance} \div \text{speed} = 80 \div 40 = 2 \text{ hours}$.
 2. Answer: 2 hours.
-

SOLUTION 11**Answer: 3**

1. $\text{Time} = \text{distance} \div \text{speed} = 90 \div 30 = 3 \text{ hours}$.
 2. Answer: 3 hours.
-

SOLUTION 12**Answer: 30**

1. Equal distances, different speeds — the average is HARMONIC, not the plain mean.
 2. $\text{Average} = 2 \times 20 \times 60 \div (20 + 60) = 2400 \div 80 = 30 \text{ km/h}$.
 3. The tempting 40 km/h is wrong: more time is spent on the slower leg.
 4. Answer: 30 km/h.
-

SOLUTION 13**Answer: 3**

1. $\text{Time} = \text{distance} \div \text{speed} = 216 \div 72 = 3 \text{ hours}$.
 2. Answer: 3 hours.
-

SOLUTION 14**Answer: 270**

1. $\text{Distance} = \text{speed} \times \text{time} = 30 \times 9 = 270 \text{ km}$.
 2. Answer: 270 km.
-

SOLUTION 15**Answer: 250**

1. $\text{Distance} = \text{speed} \times \text{time} = 50 \times 5 = 250 \text{ km}$.
 2. Answer: 250 km.
-

One round a day beats one set a month.

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.

computeprep.com · more banks like this one: computeprep.com/questions/speed-distance-time