

Basic Mathematics Quiz 019 (Speed, Time and Distance)

1. Ramesh crosses a 600 m long street in 5 minutes. His speed in Km/h is
 - A) 8.2
 - B) 7.2
 - C) 9.2
 - D) None of these
2. Compare the speed of two trains, one moving at the speed of 80 Km/h and the other at 10 m/s.
 - A) 30:9
 - B) 40:9
 - C) 20:9
 - D) None of these
3. Mohan covers 10.2 Km in 3 hours, the distance covered by him in 5 hours is
 - A) 15 Km
 - B) 17 Km
 - C) 19 Km
 - D) None of these
4. A 100 metres long train passes a bridge at the rate of 72 Km/h in 25 seconds. What is the length of the bridge?
 - A) 400 m
 - B) 17 m
 - C) 600 m
 - D) None of these
5. A train passes a 150 m long railway bridge in 18 seconds. If the train is running at a speed of 60 Km/h., then the length of the train in metres is
 - A) 160 m
 - B) 150 m
 - C) 180 m
 - D) None of these
6. Sound travels 330 metres a second. If the sound of a thunder cloud follows the flash after 10 seconds, the thunder cloud is at a distance of
 - A) 3.7 km
 - B) 3.5 km

- C) 3.3 km
- D) None of these

7. A train travels 92.4 Km/h. How many metres will it travel in 10 minutes?

- A) 14500 m
- B) 15400 m
- C) 15200 m
- D) None of these

8. The distance of the sun from the earth is one hundred and $\frac{4}{3}$ million four hundred thousand kilometres and light travels from the former to the later in 7 minutes and 58 seconds. The velocity of light per second is

- A) 3×10^5 Km/sec
- B) 0.3×10^5 Km/sec
- C) 30×10^5 Km/sec
- D) None of these

9. A train covers a distance in 50 minutes if it runs at a speed of 48 Km/h. The speed at which the train must run to reduce the time of journey to 40 minutes, will be

- A) 70 km/h
- B) 80 km/h
- C) 60 km/h
- D) None of these

10. The wheel of an engine is $3\frac{3}{4}$ metres in circumference and makes 4 revolutions in 2 seconds. The speed of the train is

- A) 27 Km/h
- B) 31 Km/h
- C) 35 Km/h
- D) None of these

Answer Keys

Question	Answer
1	B
2	C
3	B
4	A
5	B

Question	Answer
6	C
7	B
8	A
9	C
10	A