

1.

The ratio between the speeds of a bike and a scooter is 4:5, respectively. Also, a car covered a distance of 540 km in 6 hours. The speed of the bike is half the speed of the car. How much distance will the scooter cover in 8 hours?

- A. 500 km
- B. 450 km
- C. 680 km
- D. 700 km

Answer: B

2.

A train 150 m long passes a cyclist, moving at 8 km/hr in the same direction as the train, in 12 seconds. What is the speed of the train?

- A. 50 km/hr
- B. 53 km/hr
- C. 60 km/hr
- D. 65 km/hr

Answer: B

3.

A boat running downstream covers a distance of 20 km in 1.5 hours, while for covering the same distance upstream, it takes 5 hours. What is the speed of the boat in still water?

- A. 5.3 km/hr
- B. 7.2 km/hr
- C. 8.7 km/hr
- D. 10.1 km/hr

Answer: C

4.

At 11:38A.M. through how many degrees the hour hand of a clock moved since noon the previous day?

- A. 709°
- B. 610°
- C. 686°
- D. 649°

Answer: A

5.

The angle between the hands of a clock when the time is 7:30 am is =?

- A. 45°
- B. 60°
- C. 55°
- D. 30°

Answer: A