Speed Calculations Practice

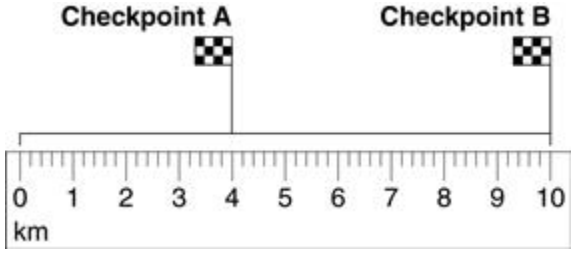
1. How long will it take a car that is moving at 60 miles per hour to travel 120 miles? (speed = distance ÷ time)
    a. 1 hour
    b. 2 hours
    c. 3 hours
    d. 6 hours

2. A bus traveled 280 kilometers between two cities. It left the first city at 3:00 p.m. and arrived at the second city at 7:00 p.m. What was the average speed of the bus during the trip?
    a. 4 km/h
    b. 40 km/h
    c. 70 km/h
    d. 280 km/h

3. A car travels 25 kilometers in one hour. If it does not change its speed or direction, how far will the car travel in the next hour?
    a. 25 kilometers
    b. 50 kilometers
    c. 75 kilometers
    d. 100 kilometers

4. Ana biked 20 kilometers between 2:00 p.m. and 3:00 p.m., then rested and biked an additional 30 kilometers between 3:30 p.m. and 5:00 p.m. Which best describes Ana's motion?
    a. Ana biked faster between 2:00 p.m. and 3:00 p.m.
    b. Ana biked faster between 3:30 p.m. and 5:00 p.m.
    c. Ana biked at the same average speed during both parts of her bike ride.
    d. Ana biked uphill from 2:00 p.m. to 3:00 p.m. and downhill from 3:30 p.m. to 5:00 p.m.

5. It took 20 minutes for a truck to travel from the beginning of the road at 0 km to Checkpoint A. If a truck continues moving at the same speed, how much longer will it take to reach Checkpoint B?
    a. 10 minutes
    b. 20 minutes
    c. 30 minutes
    d. 40 minutes



6. A car travels at a speed of 50 miles per hour. What distance does the car travel in two hours? (speed = distance ÷ time)
   a. 2 miles
   b. 25 miles
   c. 50 miles
   d. 100 miles

7. A car takes 3 hours to travel 180 miles at a constant speed. How fast is the car traveling? (speed = distance ÷ time)
   a. 30 miles per hour
   b. 50 miles per hour
   c. 60 miles per hour
   d. 90 miles per hour

8. A news truck traveled 60 miles in one hour on Thursday and 240 miles in four hours on Friday. Which best describes the average speed of the truck? (speed = distance ÷ time)
   a. The truck drove more slowly on Friday.
   b. The truck drove more slowly on Thursday.
   c. The truck drove the same speed on both days.

9. Marcus traveled west for 2 hours at 50 mph. He then traveled east for another hour at 25 mph. How many total miles did Marcus travel? (speed = distance ÷ time)
   a. 25 miles
   b. 75 miles
   c. 125 miles
   d. 150 miles

10. The table below shows the results when several students ran a 500-meter race.

Name	Distance Run	Time (in seconds)
Daniel	500 m	130
Maria	500 m	120
Sally	500 m	116
Tyler	500 m	122

Which student ran the race the fastest?
   a. Daniel
   b. Maria
   c. Sally
   d. Tyler