

Time Distance Speed – Answers

Time Distance Speed 1

- 1) 57.5 mph
- 2) 1.5 hours
- 3) 52.5 miles
- 4) 56 mph
- 5) 1 hour 20 minutes
- 6) 42 miles
- 7) 72 mph
- 8) 36 miles
- 9) (a) 30 m/s (b) $13\frac{1}{3}$ seconds
- 10) (a) 45 m/s (b) 22.2 seconds
- 11) (a) 21.6 km/h (b) 2 hr 5 minutes
- 12) (a) 7.2 m/hour (b) 277 hours 47 minutes

Time Distance Speed 2

- 1) 290 miles
- 2) 64 mph
- 3) 2 hours 20 minutes
- 4) 72 mph
- 5) (a) 9.40am (b) 52.5 mph
- 6) (a) 15:40 (b) 60 km/h
- 7) (a) 22.5 m/s (b) 8 seconds
- 8) (a) 4 hours (b) 45 mph
- 9) 1 hour 40 minutes

Time Distance Speed 3

- 1) (a) 220 mph (b) 1 hour 6 minutes
- 2) (a) 188.5cm (b) 659.73m (c) (i) 11 m/s (ii) 39.6 km/h
- 3) (a) 9.46×10^{12} (b) 92880 years
- 4) (a) (i) 7 m/s (ii) 25.2 km/h (b) (i) 5.69 m/s (ii) 20.5 km/h (c) 48.9 seconds

Time Distance Speed 4

- 1) 62 mph
- 2) 1 hour 45 minutes
- 3) 56 miles
- 4) (a) 25 m/s (b) 32s