Q1. (June 2018 v3)

3 Liz takes 65 seconds to run 400 m.

Calculate her average speed.

..... m/s [1]

Q2. (June 2019 v1)

18 A car travels at a constant speed of 20 m/s.

Work out the time it takes for the car to travel 10 km.
Give your answer in minutes and seconds.

..... minutes ..... seconds [3]

Q3. (June 2019 v2)

18 A machine always takes 5 minutes to paint an 80 metre white line on a road.

(a) Work out the number of metres painted in 45 minutes.

..... m [1]

(b) Work out the number of minutes taken to paint a 2.8 km line.

..... min [2]

Q4. (June 2020 v1)

(c) The distance between Madrid and Buenos Aires is 10 050 km.
Diego's return flight takes 12 hours 30 minutes.

Calculate the average speed, in km/h, for the return flight.

..... km/h [1]

Q5. (June 2020 v3)

17 A chef buys some cheese from France.
200 g of cheese costs 3.45 euros.
The exchange rate is \$1 = 0.84 euros.

Work out the maximum mass of cheese the chef can buy with \$150.
Give your answer in kilograms, correct to 1 decimal place.

..... kg [4]

Q6. (June 2024 v1)

23 Change 9.6 km/h into m/s.

..... m/s [2]

Q7. (Nov 2018 v3)

24 A car travels at 108 km/h for 20 seconds.

Calculate the distance the car travels.
Give your answer in metres.

..... m [3]

Q8. (Nov 2019 v2)

11 Kiran leaves home at 9.45 am.
She drives 135 km to visit a friend.
She arrives at her friend's house at 11.15 am.

Work out her average speed in km/h.

..... km/h [2]

Q9. (Nov 2020 v3)

18 Ramond walks 2460 metres in 33 minutes.

Work out Ramond's average speed in kilometres per hour.

..... km/h [3]

Q10. (Nov 2023 v1)

(b) The speed limit on a road is 80 km/h.
Sophie drives at a speed of 1200 m/min.

Show that Sophie drives at a speed lower than the speed limit.

[2]