

Level 3 Maths Revision – Speed, Distance and Time - ANSWERS

A: Calculating Speed, Distance and Time

- 1) 24km/h 2) 4 hours 3) 265 miles
4) 375 miles 5) 5 hours 6) 11 mph

B: Converting hours and minutes to decimal fractions

Decimal fraction	Hours and minutes
2.75 hours	2 hours 45 minutes
4.5 hours	4 hours 30 minutes
8.25 hours	8 hours 15 minutes
4.25 hours	4 hours 15 minutes
3.75 hours	3 hours 45 minutes
2.5 hours	2 hours 30 minutes

C: Using decimal fractions of an hour

- 7) 90km 8) 48mph 9) 3 hours 45 minutes
10) 72 cm per hour 11) 2 hours 15 minutes 12) 68km/h
13) $1.5 + 36 + 375 = 415.5\text{km}$ 14) 11:30am 15) 190 miles in 2 hours 30
Average speed = 76mph