

# Distance Calculations

1. Calculate the distance travelled by the following vehicles...

	60mph	2 hrs	1 hr 60 miles	___ miles
	45mph	4 hrs		
	80mph	3 hrs		
	16mph	5 hrs		
	28mph	$\frac{1}{2}$ hour		

Reflect on your answers... can you generalise how to calculate the distance travelled ?

2. Calculate the distance travelled by the following vehicles...

	78mph	30 mins	1 hr _____	___ miles
	44mph	15 mins		
	90km/h	20 mins		
	54mph	10 mins		
	36mph	45 mins		

Reflect on your answers... can you generalise how to calculate the distance travelled ?

# Average Speed Calculations

3. Calculate the average speed of the following vehicles...

	Distance	Time	1 hr 1 hr 1 hr 40 miles	Average Speed _____ mph
	8 miles	2 hrs		
	60 metres	5 s		
	500 miles	4 days		
	1 metre	5 mins		

# Time Calculations

4. Calculate the time taken on the following journeys...

	Distance	Speed	1 hr 15 miles 60 miles	Time _____ hours
	120 km	40 km/h		
	180 miles	60 mph		
	75 miles	50 mph		
	13 metres	2 m/min		

Reflect on your answers... can you generalise how to calculate the average speed and time taken to travel ?