

The skills in this series of exercises appear frequently.

These are the GIFTS you must take to succeed.



## Geometry and Measure Unit

### Exercise 8

#### Distance, Speed and Time (Calculator)

Complete the table:

Q	Distance	Speed	Time
1	360 km	90 km/h	
2		62 mph	3 hours
3	119 metres		17 seconds
4	160 km	64 km/h	
5		420 km/h	3 hr 36 min
6	5km		24 minutes
7	256 km	48 km/h	
8		3.5 m/s	2 min 12 sec
9	585 metres		2 min 36 sec
10	284 miles	80 mph	

#### Applying Question



Dympna takes a flight from Edinburgh to Zimbabwe.

She departs at 1512 to fly to Frankfurt. The flight takes 1 hour 55 minutes.

There is a layover in Frankfurt.

The airplane travels at an average speed of 580 mph for the 7424-mile flight from Frankfurt to Harare, Zimbabwe.

The flight lands at 1222 local time, where it is 2 hours ahead of UK time.

How long was the layover in Frankfurt?