

Application - GD

- 1) The distance between Cardiff and London is 240 km.

A car is travelling at 60 mph.

How long will it take them to get to London from Cardiff?

- 2) Mo cycles 45 miles over the course of 3 days.

On day 1, he cycles 16 km.

On day 2, he cycles 10 miles further than he did on day 1

How far does he cycle on day 3?

Give your answer in miles and in kilometres.

- 3)



The International Space Station orbits the Earth at a height of 250 miles.

What is the height of the International Space Station in **kilometres**?

Use 8 kilometres equals 5 miles.

- 4) He wants to arrive in Barcelona, which is 441.95 miles from his starting point, by day 3.

He travelled $159\frac{1}{5}$ km on day 1, and $91\frac{3}{4}$ miles on day 2.

Approximately, how many miles does he have left?

- 5)



75% of 13.5 miles is equivalent to 20km.

Is he correct? Explain your answer.