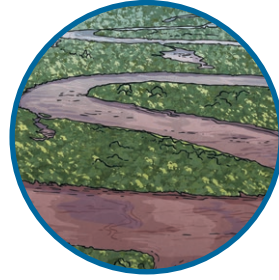
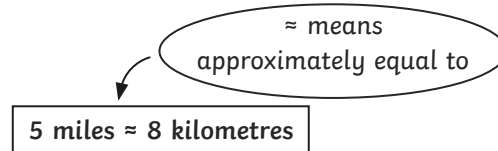
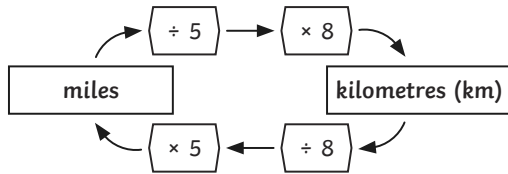


1) Tick the statements that show a measurement you would record in miles.

- The distance from London to Birmingham.
- The length of a football pitch.
- The length of the Amazon river.
- The length of your school field.



2) Use the information below to help you convert between miles and kilometres and complete the tables.

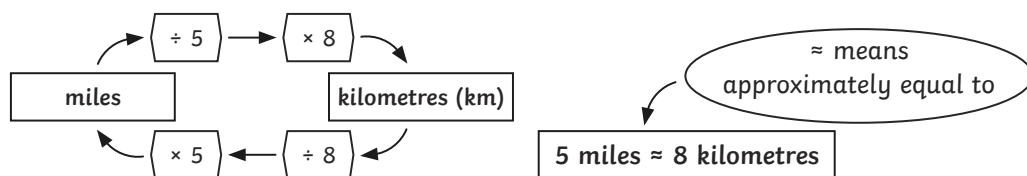


a)

Miles	Kilometres
10	
15	
	48
100	
1	

b)

Kilometres	Miles
32	
	40
400	
	120
7.2	



1) Are these statements always, sometimes or never true?

- a) A mile is longer than a kilometre. \_\_\_\_\_
- b) The distances between some places are measured in miles, others are measured in kilometres. \_\_\_\_\_
- c) 12km is a distance between 7-8 miles. \_\_\_\_\_

2) Three children have worked out approximately how many kilometres there are in 15 miles.



**Alice:**  
15 miles = 24km

Which child do you think is correct? Explain why.

---

---

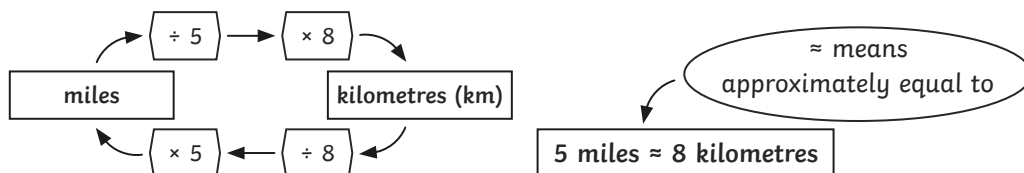
---



**Freya:**  
24km  $\approx$  15 miles



**Harry:**  
15 miles  $\approx$  30km



1) Team Roadracer and Team Tornado are competing in a long-distance car rally. Each driver has recorded their distances so far.

a) Convert each distance to the alternative unit.

**Team Roadracer**

Rod: 960km  $\approx$  \_\_\_\_\_

Rachel: 1120km  $\approx$  \_\_\_\_\_

Ruaridh: 2080km  $\approx$  \_\_\_\_\_



**Team Tornado**

Tod: 790 miles  $\approx$  \_\_\_\_\_

Trish: 1055 miles  $\approx$  \_\_\_\_\_

Tori: 1245 miles  $\approx$  \_\_\_\_\_

b) Approximately how far has Team Roadracer driven so far? Give your answer in miles.

\_\_\_\_\_

c) Approximately how much further than Team Roadracer has Team Tornado driven so far? Give your answer in kilometres.

\_\_\_\_\_

d) Team Roadracer has completed  $\frac{4}{5}$  of the race. How long is the whole race in kilometres?

\_\_\_\_\_

2) Team Warmwheels are taking part in a 3250 mile motorbike race. By the end of the third day, they had completed 1800km.

a) In kilometres, approximately how long is the entire race?

\_\_\_\_\_

b) In kilometres, approximately how far did Team Warmwheels have left to drive?

\_\_\_\_\_



On day 4, Team Warmwheels drove a further 600 kilometres.

On each day that followed, they drove 40 kilometres further than the day before.

c) How many days did it take Team Warmwheels to complete the whole race?

\_\_\_\_\_