



# Converting Units

Y6

### Knowledge

- Metric measures
- Miles and kilometres
- Imperial measures
- Units of time

### Skills

- Convert metric measures
- Calculate with metric measures

### Vocabulary

Metre (m), centimetre (cm), millimetre (mm), kilometre (km), length, width, breadth, depth, mass, gram (g), kilogram (kg), capacity, volume, millilitre (ml), centilitre (cl), litre (l)

### Converting length

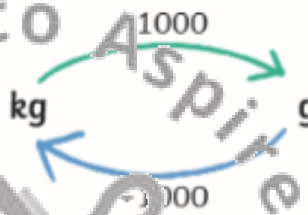


10mm = 1cm

100cm = 1m

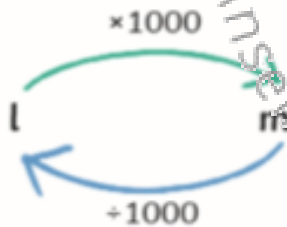
1,000m = 1km

### Converting mass



1,000g = 1kg

### Converting capacity



1,000ml = 1l

### Units of time

- 60 seconds = 1 minute
- 60 minutes = 1 hour
- 24 hours = 1 day
- 7 days = 1 week
- 2 weeks = 1 fortnight
- 1 year = 12 months = 52 weeks = 365 days
- 1 leap year = 366 days
- 1 decade = 10 years
- 1 century = 100 years
- 1 millennium = 1,000 years

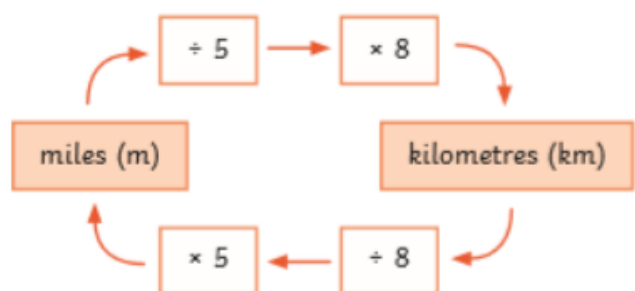
### Inspirational Mathematician

**Maryam Mirzakhani**  
(1977-2017)



Iranian-born Maryam Mirzakhani was one of the greatest mathematicians of her generation. She was a professor at Stanford University and held a PhD from Harvard University. In 2014, she was the first woman, and first Iranian, to be awarded the International Medal for Outstanding Discoveries in Mathematics. She shows us that, even in a male-dominated field, women can be role models and lead the way forward with their discoveries.

### Miles to kilometres



5 miles is approximately 8 kilometres.