Convert lengths



mm 1 cm 2 3 4 5 6 7 8 9 10 11 12 13 14 15

In this activity you will convert between metric units of length:

kilometres, metres, centimetres, and millimetres.

1 km = 1000 m 1 m = 100 cm 1 m = 1000 mm 1 cm = 10 mm



Think about

how to change from one unit to another.

A <u>kilo</u> metre is one thousand metres!	so	km	× 1000	m
	or	m	÷ 1000	km
A <u>milli</u> metre is a thousandth of a metre!	SO	mm	÷ 1000	m
	or	m	× 1000	mm
A <u>centi</u> metre is one hundredth of a metre!	SO	cm	÷ 100	m
	or	m	× 100	cm

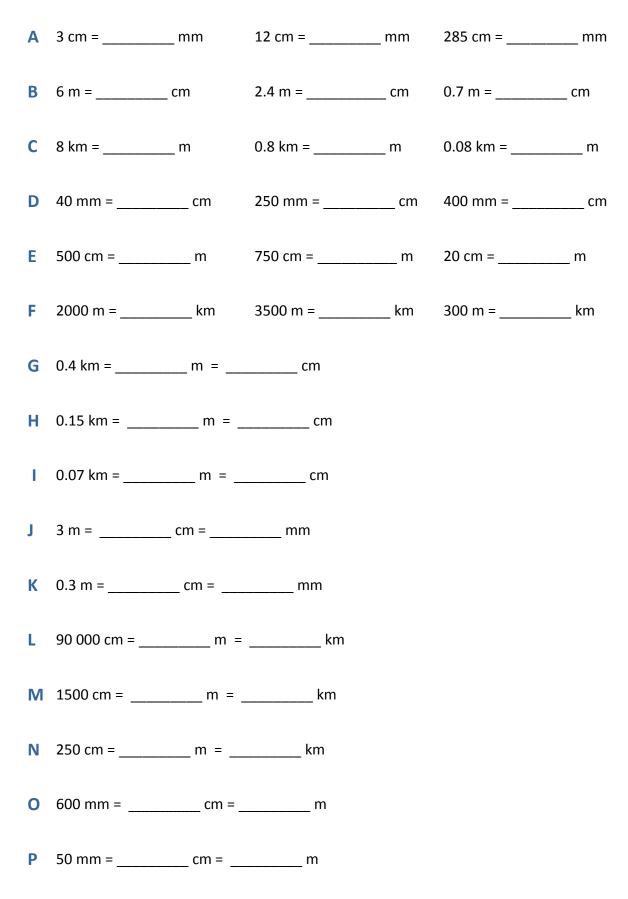
Think about

how to use this to help you change to different units ... and back again

mm	÷ 10 → cm	÷100 m	÷ 1000	km
	× 10	× 100	× 1000	
mm	cm	m		km



Try these Fill the gaps.



Let's play bingo!

1 Choose a card.

2 As each length is called (or written on the board), look for an equal length on your card. If there is one, cover it or cross it out.

3 The winner is the first person to cover or cross out all the lengths on their card.

Dominoes

- 1 Shuffle, then share all of the dominoes between the players.
- 2 The first player puts down any domino.
- **3** Each player in turn tries to put down a domino next to a domino showing an equal length.
- 4 The first player to use all of their dominoes wins.

At the end of the activity

- How many metres are there in a kilometre?
- How do you convert metres to centimetres?
- How do you convert millimetres to metres?
- How many millimetres are there in a centimetre?
- Estimate how far you will walk today, in a week, in a year, in your lifetime.