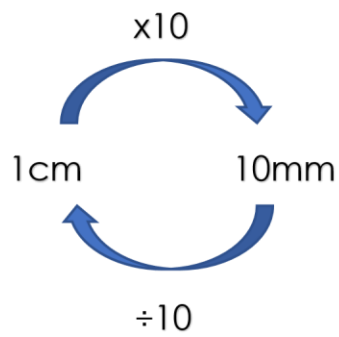


Converting Units

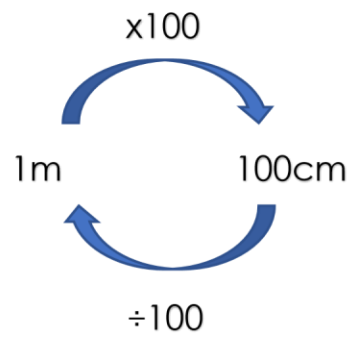
Conversion figures:

1cm = 10mm	1000g = 1kg	1 inch H 2.5cm	1 stone = 14 pounds
100cm = 1m	1000ml = 1l	1 foot = 12 inches	1 gallon = 8 pints
1000m = 1km	5 miles H 8km	1 pound = 16 ounces	

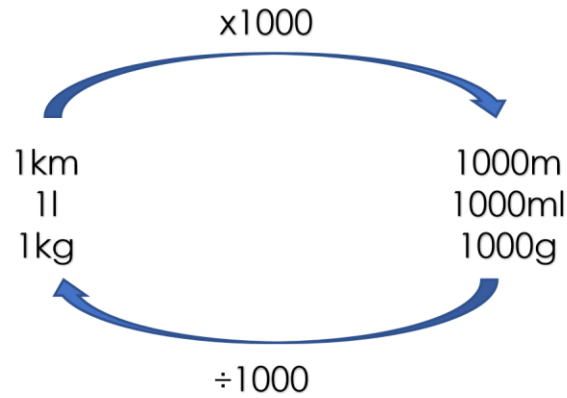
Converting cm and mm:



Converting cm and m:



Converting g, m and ml:



Key Vocabulary



H – Approximately

Approximately - Almost, but not completely, accurate or exact

Converting – Change the form or character of something

Mass - Weight

Measurement – The size, length or amount of something

Units – A quantity chosen as a standard e.g. a unit of measurement

Converting Units:

If you know a conversion fact, you can use this to work out other measurements.

e.g.

5 miles	H	8km
↓ x2		↓ x2
10 miles	H	16km

5 miles	H	8km
↓ ÷ 2		↓ ÷ 2
2.5 miles	H	4km

5 miles	H	8km
↓ x6		↓ x6
30 miles	H	48km

Time:

60 seconds = 1 minute	24 hours = 1 day	2 weeks = A fortnight	12 months = 1 year
60 minutes = 1 hour	7 days = 1 week	52 weeks = 1 year	1 year = 365/ 366 days

Multiplying and dividing by 10, 100 and 1000

When multiplying by 10, 100 or 1000, the digits move to the left.

Units			•	1/10	1/100	1/1000
Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths
	4	2	•	7		



When dividing by 10, 100 or 1000, the digits move to the right.

Units			•	1/10	1/100	1/1000
Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths
	4	2	•	7		



The number of places is determined by the number of place holders.

10 = move one place
100 = move two places
1000 = move three places