Arithmetic

1. $4321 \div 4$

2. $529 \div 3$

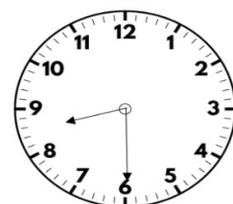3. $6782 \div 6$

4. $4927 \div 12$

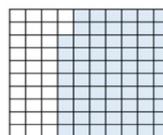5. $8721 \div 16$

6. $7358 \div 14$

FB4

Flashback 4

Year 6 | Week 7 | Day 1

1) $2a + b = 10$

What might the values of a and b be?

2) Solve the equation $65 = 10y$

3) What percentage is shaded?

4) Work out $3,128 + 4,673$

White Rose Maths

Problems of the Day

Problems of the Day 2020

Day 19

1 The diameter of a 10p coin is 24.5 mm.
The diameter of a 5p coin is 18 mm.
Some coins are laid out end to end.

What is the distance marked *b* in the diagram?

2 Mrs Green bakes muffins.
She sells them in her shop.

- On Monday she bakes 200 and sells 70% of the them.
- On Tuesday she bakes twice as many muffins but has the same amount left.

What percentage of the muffins did she sell on Tuesday?

White Rose Maths

Units of measure

White Rose Maths

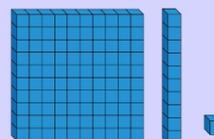**Let's recap our understanding of units**

We use different units to measure the length, mass and capacity of objects.
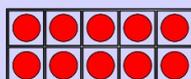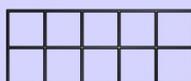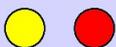
cm = centimetres   g = grams

mm = millimetres   kg = kilograms

km = kilometres   tonnes

m = metres   ml = millilitres

l = litres

+ − ÷ ×
>< =

Units of measure

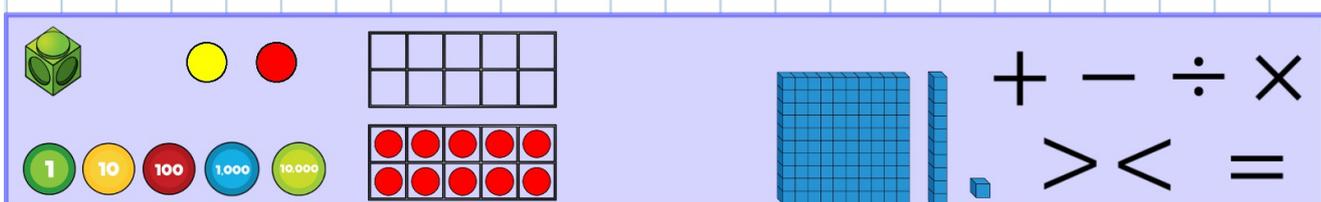| Length	Mass	Capacity
centimetres	grams	
millimetres	kilograms	litres
kilometres	tonnes	millilitres
metres		

These are the units we use to measure the different qualities.

Units of measure

What is the difference between capacity and volume?

The volume is the amount actually in an object (a bottle for example) whereas the capacity is the amount an object (the bottle) can contain.

Units of measure

Length

10mm = 1cm

100cm = 1m

1,000m = 1km

Mass

1,000g = 1kg

1,000kg = 1 tonne
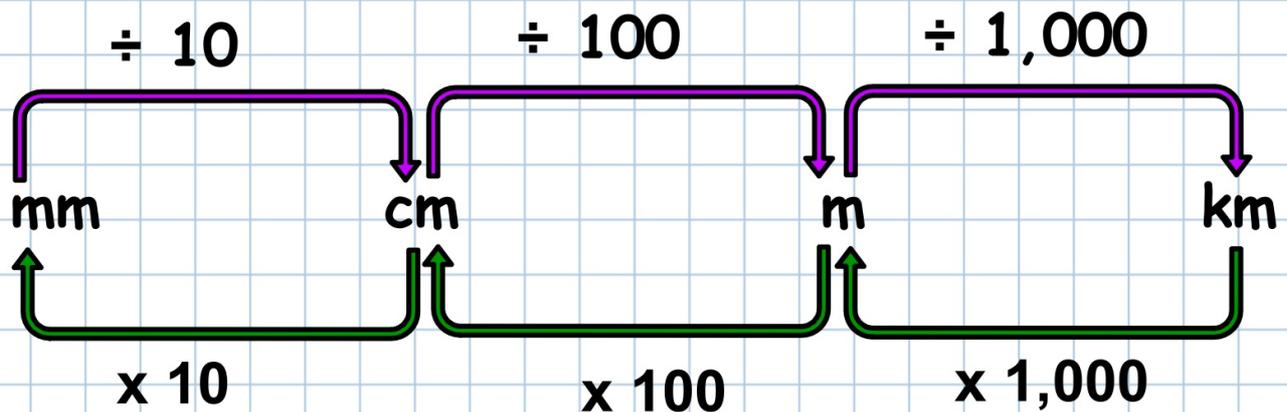
Capacity

1,000ml = 1l

These are the units we use to measure the different qualities.

Converting

÷ 10   ÷ 100   ÷ 1,000
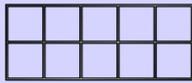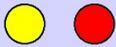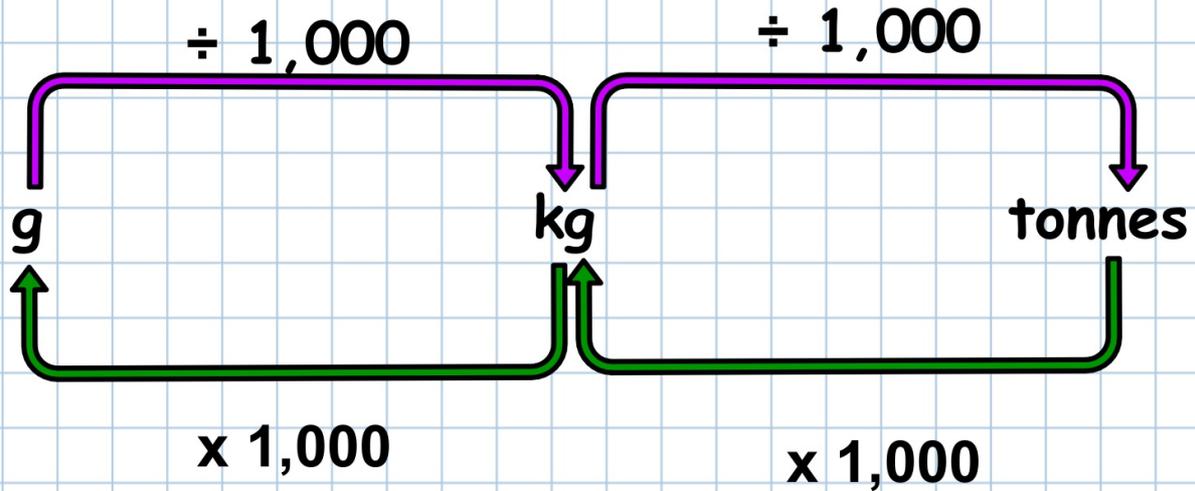
mm   cm   m   km

x 10   x 100   x 1,000
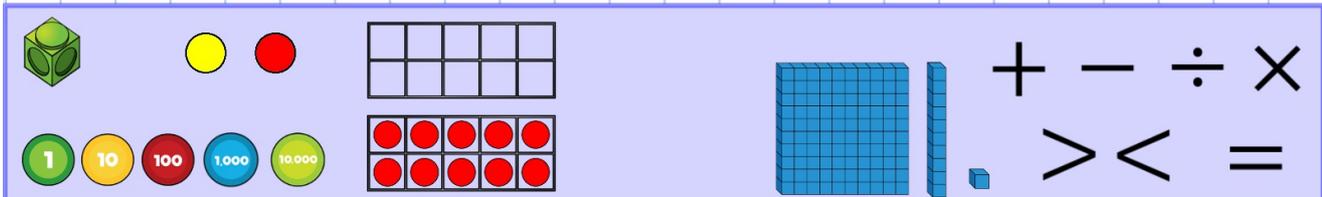
This shows that to convert mm into cm we have to divide by 10.
To convert from m to cm we multiply by 100.

Converting

$\div$ 1,000 $\div$ 1,000

g   **kg**   **tonnes**

x 1,000   x 1,000

+ − ÷ ×
> < =
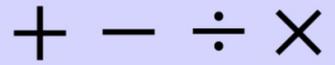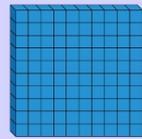
25.2.21   Converting measures

Vocabulary
- units
- converting
- centimetres
- millimetres
- kilometres
- kilograms
- grams
- tonnes
- millilitres
- litres

- decimal places
- equivalent

24.2.21   Converting measures

Today we are learning to convert between metric measurements
I will be successful if:
• I recognise how many of one unit is equivalent to another unit of measure.
• I can estimate the given unit.

25.2.21
                Plenary

True or False?

True or False?   Convert metric measures

To convert from centimetres to metres I should multiply by 100 because metres are bigger than centimetres.

Whitney

White Rose Maths