

MATHS FACTS FOR YEAR 4

These are key facts you should know, to help you answer mental maths questions. Stick it on the fridge or your bedroom wall....copy the tricky ones out in colour & put them under your pillow! LEARN THEM!

NUMBER

Recall addition & subtraction facts for each number up to 20. e.g. $5+4 = 9$;
 $6+3=9$; $7+2 =9$

Recall addition & subtraction pairs for 10, 20, 100 & 1000. e.g. $8+2=10$; $17+3=20$;
 $65+35=100$; $1000-800=200$.

Recall doubles & corresponding halves of whole numbers up to 50. e.g. double
 $9=18$; $17+17=34$; half of $70=35$.

Recall multiplication facts in all the tables up to 12×12 , and the corresponding
division facts. e.g. $7 \times 6=42$; $42 \div 6=7$.

MEASURES

LENGTH:

10 millimetres (mm) = 1 centimetre (cm)

100 cm = 1 metre (m) 1000 m = 1 kilometre (km)

$\frac{1}{2}$ metre = 50 cm = 0.5m $\frac{1}{2}$ kilometre = 500 m = 0.5km

$\frac{1}{4}$ metre = 25 cm = 0.25m $\frac{1}{4}$ kilometre = 250 m = 0.25km

$\frac{3}{4}$ metre = 75 cm = 0.75m $\frac{3}{4}$ kilometre = 750 m = 0.75km

Answer questions such as:

How many centimetres in 3 metres?; Write 350 cm as metres (3m 50 cm)/using
the decimal point (3.50m); What is the perimeter of a regular pentagon with
sides measuring 4 cm?

CAPACITY:

1000 millilitres = 1 litre

$\frac{1}{2}$ litre = 500 ml = 0.5l

$\frac{1}{4}$ litre = 250 ml = 0.25l

$\frac{3}{4}$ litre = 750 ml = 0.75l

I pour 600ml out of a litre bottle of water, how much is left in the bottle?; How
many millilitres in 4 litres?; write 2.5 litres as millilitres; write 3500ml as litres

WEIGHT(Mass)

1000 grams (g) = 1 kilogram (kg)

$\frac{1}{2}$ kg = 500 g = 0.5kg

$\frac{1}{4}$ kg = 250 g = 0.25kg

$\frac{3}{4}$ kg = 750 g = 0.75kg

TIME:

60 seconds = 1 minute; 60 minutes = 1 hour; 30 minutes = $\frac{1}{2}$ hour; 45

minutes = $\frac{3}{4}$ hour; 15 minutes = $\frac{1}{4}$ hour; 24 hours = 1 day;

7 days = 1 week; 52 weeks = 1 year; 365 days = 1 year (366 in a leap year)

Answer questions such as: how many days in 3 weeks? 6 weeks? 10 weeks?

WEBSITES for GAMES & PRACTICE:

http://uk.ixl.com/math/year_4 - skills are organised into categories & you can track your score.

<http://resources.woodlands-junior.kent.sch.uk/maths/interactive/numbers.htm>

http://www.bbc.co.uk/schools/websites/4_11/topic/numeracy.shtml

a site you have to subscribe to = <http://www.educationcity.com/>