

Ordering numbers

Compare the place value for each digit starting from the **left**. When you find the first difference, the number with the largest digit is the largest number

3,435,221 Which is the largest number?

3,434,543

More than >

Less than <

Equal to =

Imagine the more than and less than signs are crocodiles mouths. Remember the phrase – the crocodile eats the bigger number.

23456 < 24657 345674 > 326453

| FRACTION | DECIMAL | PERCENTAGE |
|----------|---------|------------|
| 1 whole | 1 | 100% |
| 1/10 | 0.1 | 10% |
| 1/5 | 0.2 | 20% |
| 1/4 | 0.25 | 25% |
| 1/2 | 0.5 | 50% |
| 3/4 | 0.75 | 75% |
| 1/8 | 0.125 | 12.5% |

What would 2/5 be as a decimal? What is 40% as a fraction?

What would 3/8 be as a decimal? What is 6/10 as a percentage?

Measures

10mm = 1cm How many ml in 1.2L?

100cm = 1m

1000m = 1km What is 3.05kg in g?

1000g = 1kg

1000ml = 1L How many mm in 1m?

| M | HTH | TTH | Th | H | T | U | . | Tth | Hth | Thth |
|---|-----|-----|----|---|---|---|---|-----|-----|------|
| 7 | 5 | 6 | 7 | 3 | 2 | 1 | . | 9 | 4 | 3 |
| | | | | | | | | | | |

The number in the table is seven million, five hundred and sixty seven thousand, three hundred and twenty one, point nine, four, three.

What is the value of the 7 in this number 3 472 234

What is the value of the 5 in this number? 231416.356

Fractions of amounts

To find a fraction of an amount you divide by the denominator and multiply by the numerator = **'Divide by the bottom, times by the top'**

So 4/7 of £28 is $28 \div 7 = 4$

$$4 \times 4 = \underline{16}$$

Calculate 5/8 of 32L. Calculate 4/5 of £120

Rounding Numbers

Round this number to the nearest 100

234567

Find the hundreds column (5). Look at the digit on the right – if it is 5 or more you round up if less than 5 you round down. So the answer is 234600

Round 45698 to the nearest 100.

Area and Perimeter

Perimeter is the distance around the edge.

Area is the space taken up by a shape.

7m

$$P = (7 + 5) \times 2 = 24m$$

5m



$$A = 7 \times 5 = 35m^2$$

Learn the facts on this sheet. Try the questions. Ask a family member to test you. If there is something you don't understand **COME AND ASK!**