



Parent Maths workshop (Y1-4)

THURS 29TH NOVEMBER

Essential skills you can help your child with:

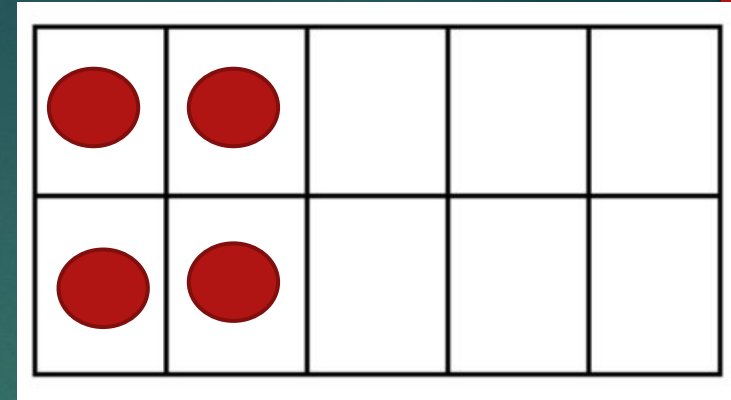
- ▶ Place value (grids)
- ▶ Number bonds
- ▶ Addition and subtraction)
- ▶ Times tables

Place value grids

- ▶ Partitioning underpins all the children's learning.
- ▶ Important to use the correct language- ones not units.
- ▶ The value of a digit depends on its place i.e:
12- the value of 1 is 1 ten= 10

Hundreds	Tens	Ones

10 frames



This grid represents fact families:
Children need to know how + and –
are linked (**inverse**) and ‘undo’
each other.

$$4 + 6 = 10$$

$$40 + 60 = 100$$

$$6 + 4 = 10$$

$$60 + 40 = 100$$

$$10 - 6 = 4$$

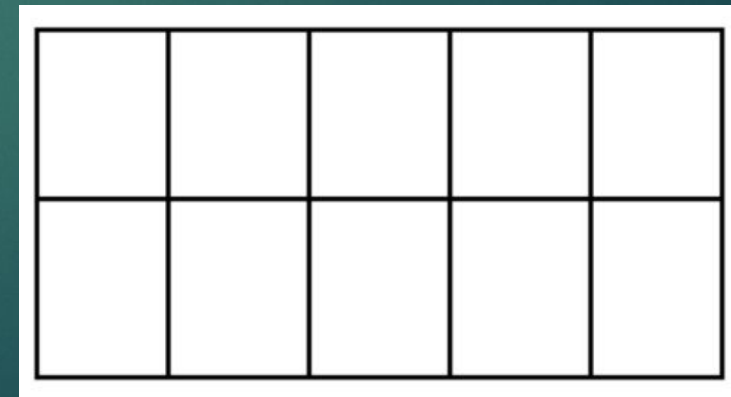
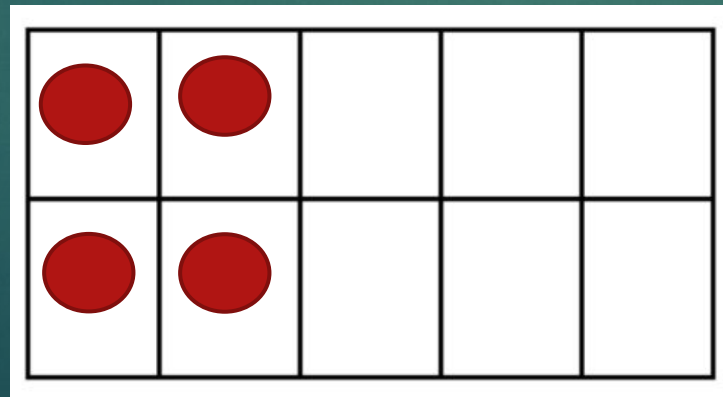
$$100 - 60 = 40$$

$$10 - 4 = 6$$

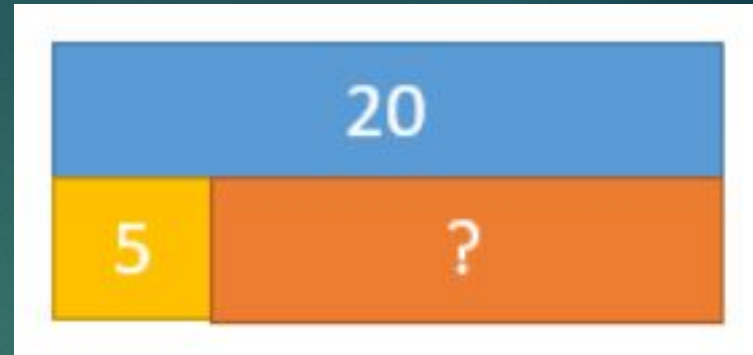
$$100 - 40 = 60$$

Bonds to 20:

$$4 + 16 = 20 \text{ etc.}$$



Bar models



Number bonds:

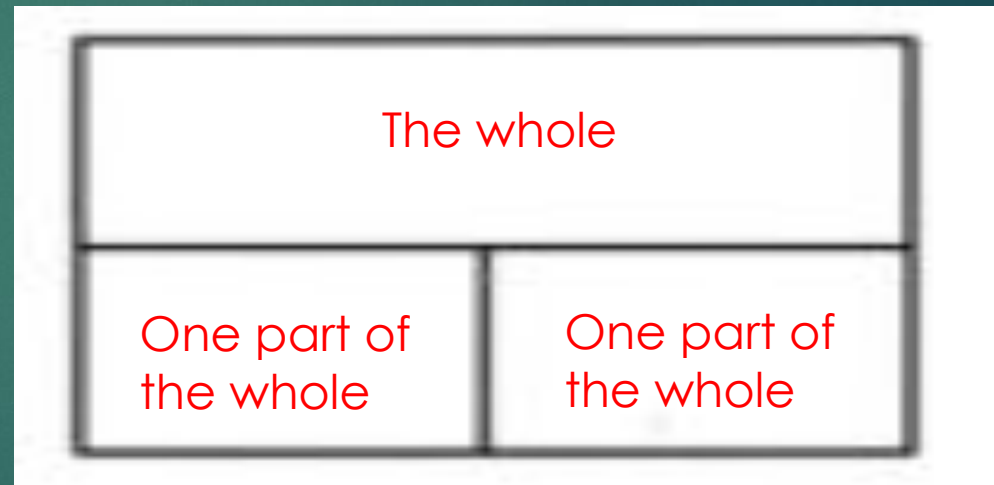
$$10 = 2 + ?$$

$$10 - ? = 4$$

$$20 - ? = 11$$

$$20 + ? = 100$$

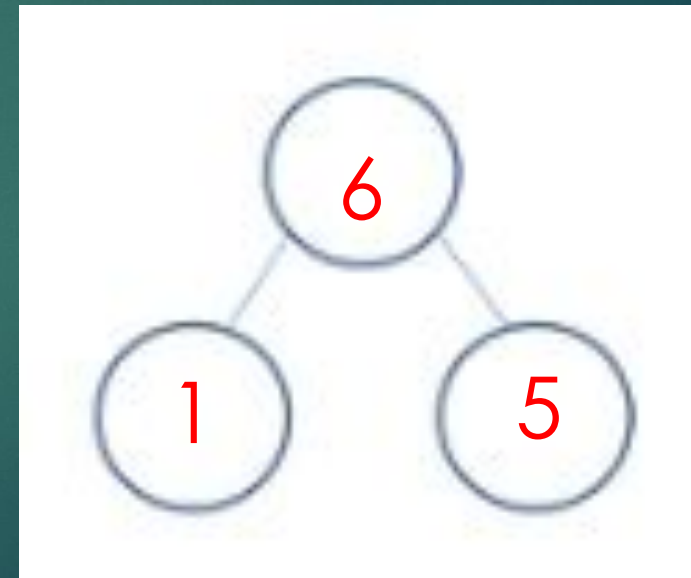
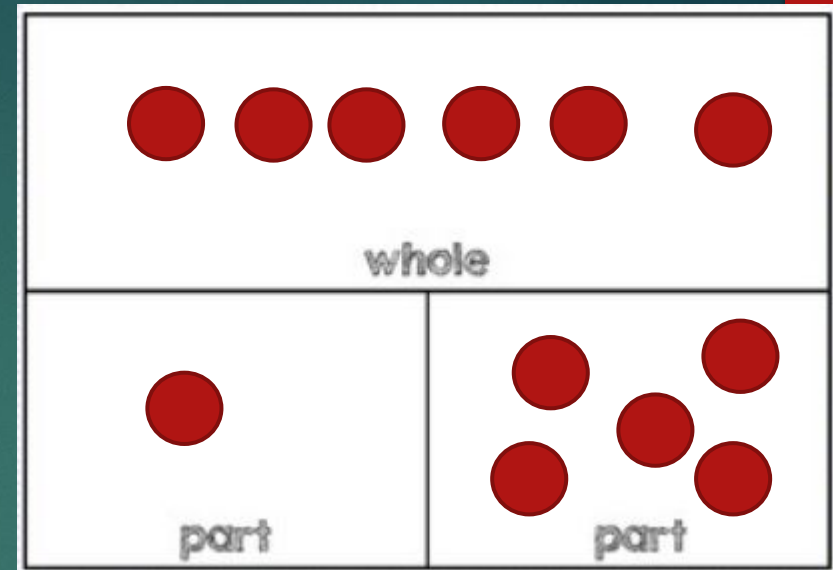
$$100 - 70 = ?$$



Part whole models

A really great way to find missing numbers in calculations or to represent a problem.

Children can draw objects or use numbers.



Estimate

- ▶ Important for children to think- 'Is my answer reasonable?'
- ▶ Check answers by doing the inverse operation.
- ▶ Use what they know- number bonds etc.

Times tables- End of Y2 need to know 2, 5, 10 and begin to learn 3s

- ▶ Y3- times table tests at the end of the year.