



Help sheet – Maths methods Year 2 specific

Addition & Subtraction

Partitioning

Addition

$$\begin{array}{r} 17 + 22 = 39 \\ \begin{array}{r} 10 \quad 7 \quad 20 \quad 2 \end{array} \end{array}$$

$$\begin{aligned} 10 + 20 &= 30 \\ 7 + 2 &= 9 \\ 30 + 9 &= 39 \end{aligned}$$

Drawing

Addition

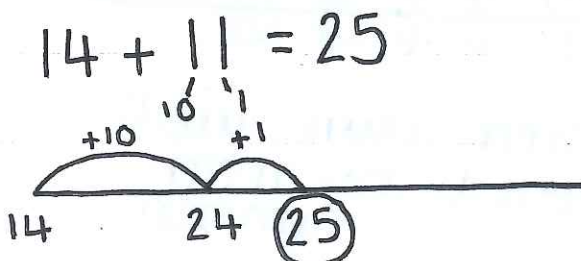
$$14 + 21 = 35$$

~~10~~ ~~4~~ ~~10~~ ~~1~~
~~10~~ ~~10~~
~~4~~ ~~1~~
~~4~~ ~~1~~
~~4~~ ~~1~~

Add tens
Add ones

Number line

Addition



Subtraction

$$\begin{array}{r} 39 - 24 = 15 \\ \begin{array}{r} 20 \quad 4 \end{array} \end{array}$$

$$\begin{aligned} 39 - 20 &= 19 \\ 19 - 4 &= 15 \end{aligned}$$

Only partition the 2nd number!

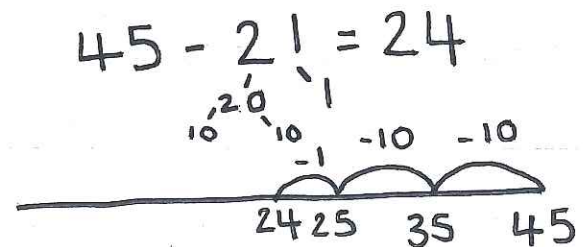
Subtraction

$$26 - 12 = 14$$

~~10~~ ~~6~~ ~~10~~ ~~2~~
~~10~~ ~~10~~
~~6~~ ~~2~~
~~6~~ ~~2~~
~~6~~ ~~2~~
~~6~~ ~~2~~

Count what is left over.

Subtraction



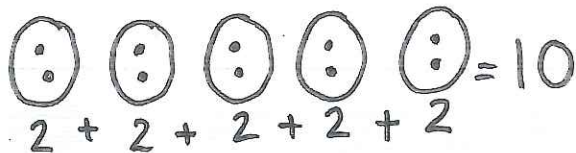
Multiplication & Division

Drawing

Multiplication

$$5 \times 2 = 10$$

(5 lots of 2)


$$2 + 2 + 2 + 2 + 2 = 10$$

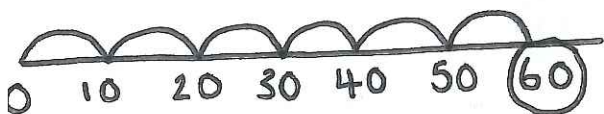
Multiplication is the same as repeated addition.

Number line

Multiplication

$$6 \times 10 = 60$$

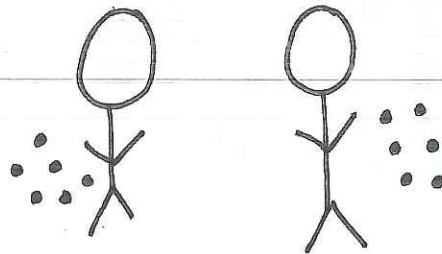
(6 lots of 10)



Division

$$12 \div 2 = 6$$

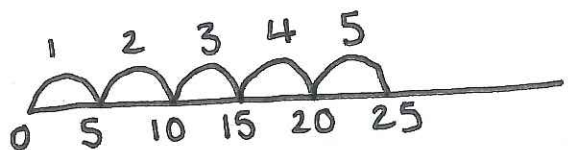
How many to share. number of people



Division

$$25 \div 5 =$$

(How many 5s in 25?)



children count until they reach the given number.