

Addition

There are 13 boys and 8 girls in the room. How many altogether?

13 + 8

Method 1

The blue team's score of 287 points is increased by 145 points. What is the new score?

Explanation.....

The language used is very important to help children understand the size of numbers being added (e.g. is it seven or seventy or seven hundred)

seven plus five equals twelve

eighty plus forty equals one hundred and twenty

two hundred plus one hundred equals three hundred

finally three hundred plus one hundred and twenty plus twelve equals four hundred and thirty two

$$\begin{array}{r} 287 \\ + 145 \\ \hline 432 \end{array}$$

Method 2

$$\begin{array}{r} 783 \\ + 135 \\ \hline 918 \end{array}$$

Method 3

Subtraction

There are 34 children in the classroom. 27 go to the hall. How many are left?

34 - 27:

Also, children may work backwards down the number line.

74 - 27 = 47 worked by counting back:

Method 1

4	5	8
2	3	5
2	2	3

Method 2

6	9	1
7	0	5
2	3	7
4	6	8

Method 3

Multiplication

$$37 \times 4 =$$

x	30	7
4	120	28

$120 + 28 = 148$

Method 1

37	
12	x
14	2x7
60	2x30
70	10x7
300	10x30
444	
1	

Method 2

37	
12	x
7 ₁ 4	
370	
444	
1	

Method 3

Division

$$72 \div 3 =$$

3	72	
	30	x10
	42	
	30	x10
	12	
	12	x4
	0	

$72 \div 3 = 24$

Method 1

	14.75
4	5 ¹ 9. ³ 0 ² 0

Method 2

