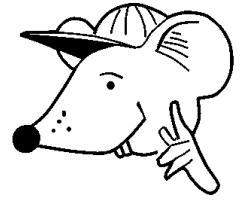




# MATHEMATICS



**N.S. Yr. 1 P.24**

**Understand addition**

## Equipment

Paper, pencil  
0 - 9 cards  
number line

# MathSphere

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### Concepts

In year 1 it is important that the child gains an understanding of what addition is.

Addition should be thought of as the combination of two sets to make a total set. For this to be understood a number of words also need to be used and understood:

*more add sum total altogether equals sign*

At first these words should be used orally, especially using 0 to 9 cards  
Eg "show me one more than 3".

Later, as the terms are understood they can be introduced on to a written page.

Especially important is that the child can read and write the plus (+) sign and the equals (=) sign.

Equals can be explained as meaning, 'is the same as'.

The idea of adding zero to a number leaves it the same can be a difficult concept to understand and zero should be included in any questions involving simple addition.

A number line is useful - pegs on a line with the numbers hanging down is a really good way of creating one. Ask the child to count along the line. Eg 'Start at five and add three' etc.

## Adding

Useful tip: These types of questions should be read or spoken and the answer written down. At this age a child's ability to add may well be better than his/her reading ability. To begin with there is no harm with having a number line available so that the child can find the number and then count on to get the answer.

Try these types of questions, beginning with numbers up to 5:

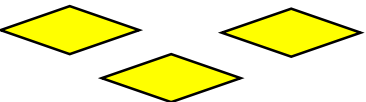
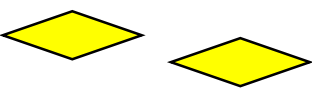
1. 4 add 3
2. Add 2 to 5
3. What is the sum of 3 and 1 ?
4. What is the total of 4 and 2 ?
5. How many are 4 and 5 altogether?
6. Which two numbers make 4?
7. Which three numbers make 5?
8. What is 3 more than 3 ?



Repetition of these types of question will rapidly improve children's recall of 0 to 9 number bonds. It is the basis of much that will follow and it is surprising how many older children - 11/12 year olds still have to use their fingers to answer single digit addition sums.



If your child finds writing the numbers down difficult, use 0 to 9 cards and ask them to pick up the card which gives the correct answer.

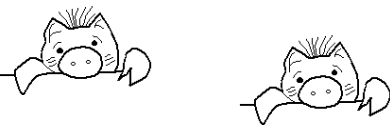
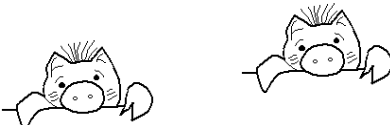


Add the numbers.  
Draw a circle round the  
correct answer.

1.			5
			6
	3 + 2		7


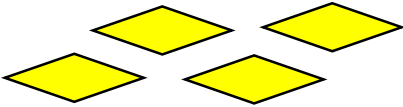
2.			5
			6
	3 + 3		7



3.			5
			6
	4 + 2		7



4.			2
			3
	2 + 2		4





Add the numbers.  
Draw a circle round the  
correct answer.

1.			5
			6
	1	+	4
			7

2.			7
			8
	5	+	3
			9

3.			5
			6
	3	+	4
			7

4.			3
			4
	2	+	3
			5

Adding

Add these and put the  
answers in the boxes.  
Hope you do well!

1.  $5 + 3 =$

2.  $4 + 2 =$

3.  $1 + 5 =$

4.  $2 + 3 =$

**Adding**

Add these and put the  
answers in the boxes.  
Try your best.

1.  $2 + 4 =$

2.  $3 + 2 =$

3.  $2 + 5 =$

4.  $3 + 3 =$

Try to find two  
different answers for  
these sums.



1.  $\square + \square = 7$  or  $\square + \square = 7$

2.  $\square + \square = 4$  or  $\square + \square = 4$

3.  $\square + \square = 6$  or  $\square + \square = 6$

4.  $\square + \square = 3$  or  $\square + \square = 3$

5.  $\square + \square = 8$  or  $\square + \square = 8$



**Making addition sums**

There are at least two ways  
of doing these.



1.  $\square + \square = 5$  or  $\square + \square = 5$

2.  $\square + \square = 2$  or  $\square + \square = 2$

3.  $\square + \square = 9$  or  $\square + \square = 9$

4.  $\square + \square = 10$  or  $\square + \square = 10$

5.  $\square + \square = 1$  or  $\square + \square = 1$

**Adding - harder examples**

These are a little bit  
harder.  
Good luck!

1.  $6 + 3 =$

2.  $4 + 7 =$

3.  $6 + 6 =$

4.  $8 + 2 =$

**Adding**

Now add these up.  
Keep up the good  
work!

1.  $5 + 5 =$

2.  $4 + 8 =$

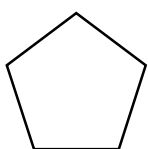
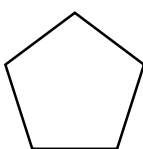
3.  $9 + 2 =$

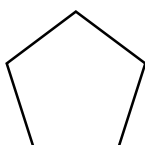
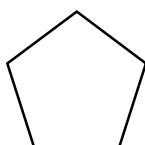
4.  $7 + 5 =$

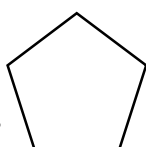
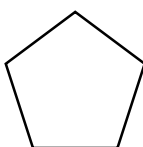
**Making 5 by adding**

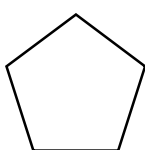
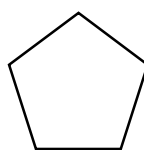
How many sums can you  
make that give the answer  
5 ?

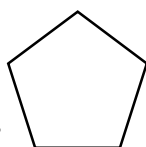
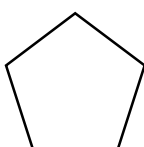
Try and find 6 ways  
below.

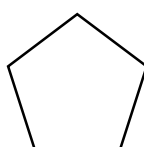
1.  + 

2.  + 

3.  + 

4.  + 

5.  + 

6.  + 