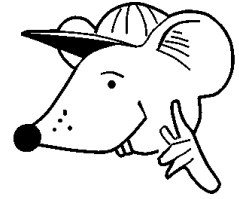


MATHEMATICS



N.S. Yr. 1 P.8

**Read and write numbers in figures and words.
Partition a number into tens and units.**

Equipment

Number cards (available in numbers module).
Pencil and paper.

MathSphere

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Concepts

In year 1 children will be expected to read and write numbers, including two digit numbers. They will need a lot of practice at recognising numbers, writing them down in different contexts.

Number cards are very valuable - hold one up and ask what number it shows. These are available in the numbers module and can be printed out on to card.

Dominoes, number lines, clock faces and coins are also useful resources.

As confidence grows children should be shown what each digit in a number represents, especially two digit numbers

eg 17 - the 1 represents one ten and the 7 represents seven ones.

Good use can be made of the numbers all around us during the day:




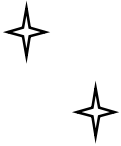

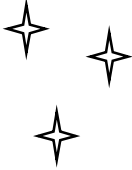

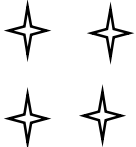

**House numbers
Telephone numbers
Car number plates
Calculators
Supermarkets**

Use these to talk about numbers whenever possible.

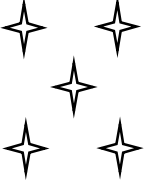

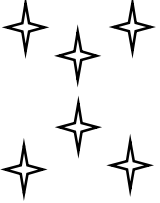

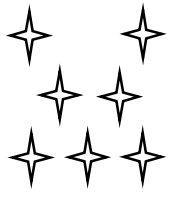

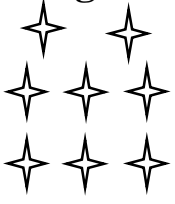

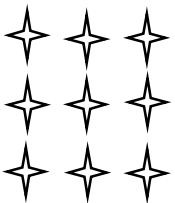

A number line is really useful for this work. A string line with numbers hanging down on pegs is a simple way to show numbers and is cheaper than buying from a commercial source.

Some numbers can cause problems eg 4 which is usually seen in print as **4 but children are usually expected to write **4**. In this case we have tried to include a variety of different font styles.**

Trace round these grey numbers, starting at the black dot. Follow the direction of the arrow.

zero	
one 	
two 	
three 	
four 	

Trace round these grey numbers, starting at the black dot. Follow the direction of the arrow.

five 	
six 	
seven 	
eight 	
nine 	

Trace over these numbers:

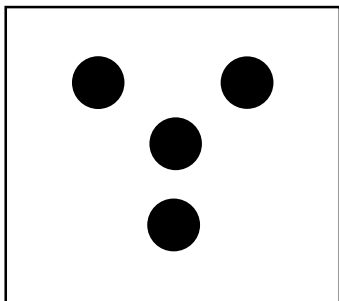
0	1	2	3	4
5	6	7	8	9

0	1	2	3	4
5	6	7	8	9

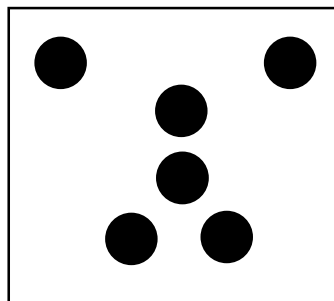
0	1	2	3	4
5	6	7	8	9

How many dots? Write the numbers underneath these:

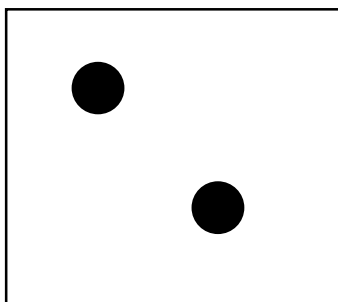
1.



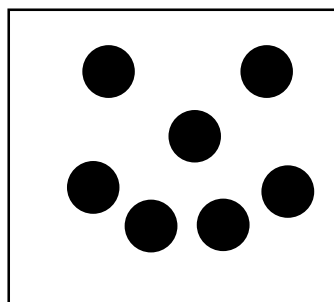
2.



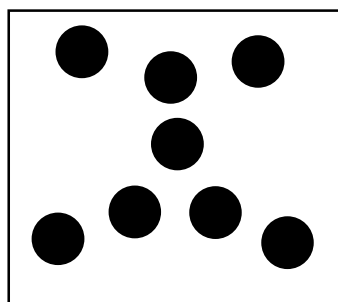
3.



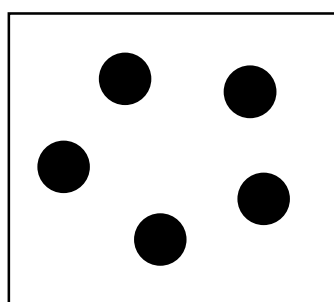
4.



5.



6.



0

1

2

3

4

5

6

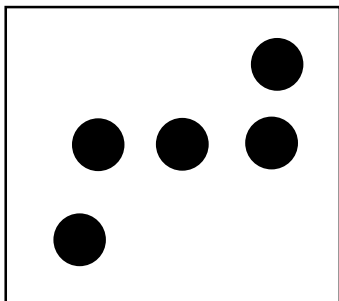
7

8

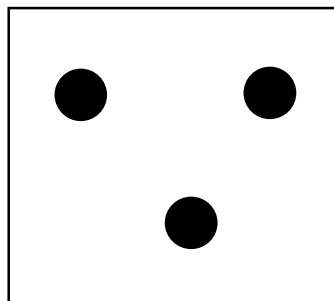
9

How many dots? Write the numbers underneath these:

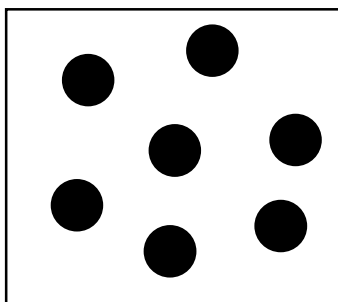
1.



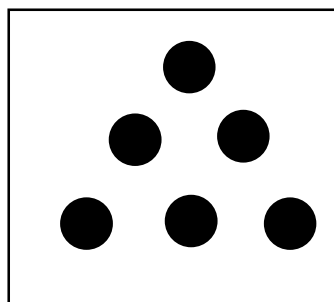
2.



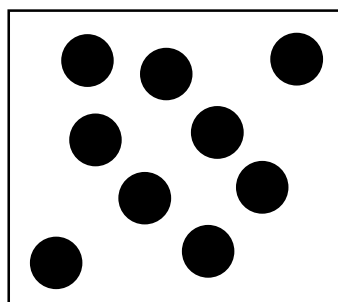
3.



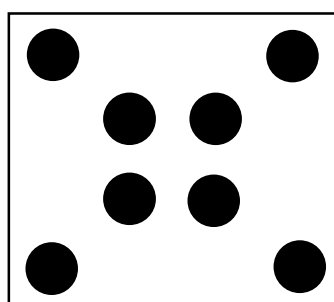
4.



5.



6.



0

1

2

3

4

5

6

7

8

9

Counting

How many?

1.



2.



3.



4.



5.



Counting

How many?

1.



2.



5.



6.



5.



Write in words

1

2

3

4

5

Hello!



Write in words

Take care!



6

7

8

9

0

or

Counting - fill in the missing numbers

1. 1 2 3 5

2. 4 5 6 8

3. 0 2 4

4. 3 4

5. 5 7

Counting - fill in the missing numbers

1. 3 4 5 7

2. 0 1 2 4

3. 4 6 8

4. 3 6

5. 4 5

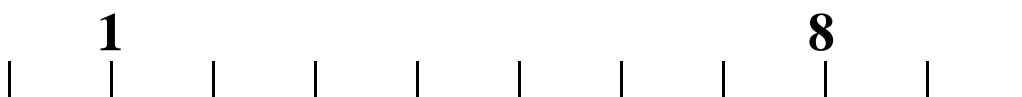
Number lines

Fill in the gaps in these number lines:



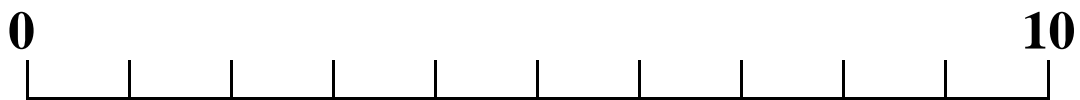
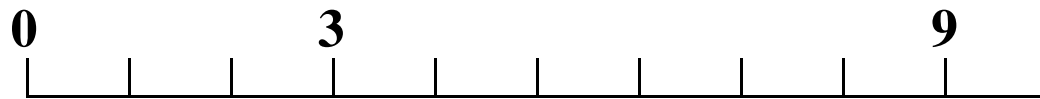
Try to learn:

0 1 2 3 4 5 6 7 8 9



Number lines

Fill in the gaps in these number lines:



Can you count up to 10?

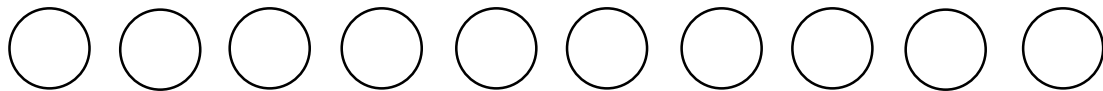
0 1 2 3 4 5 6 7 8 9 10



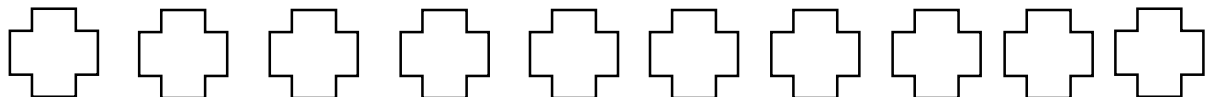
Colour 4 stars:



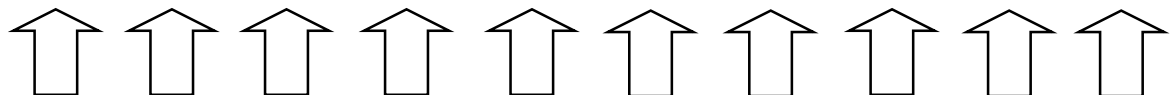
Colour 7 circles:



Colour 5 crosses:



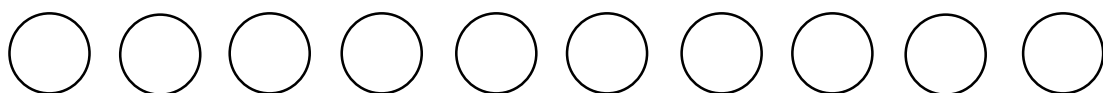
Colour 3 arrows:



Colour 8 stars:



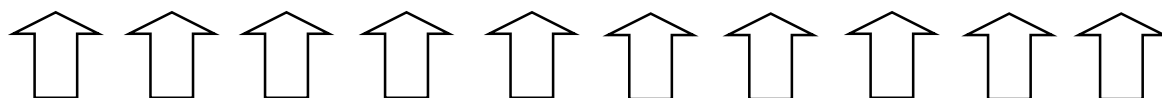
Colour 2 circles:



Colour 6 crosses:



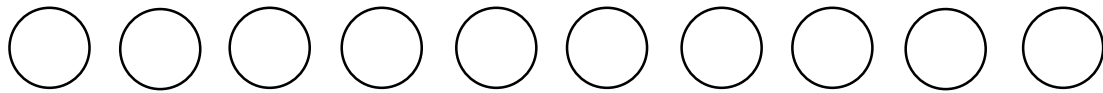
Colour 9 arrows:



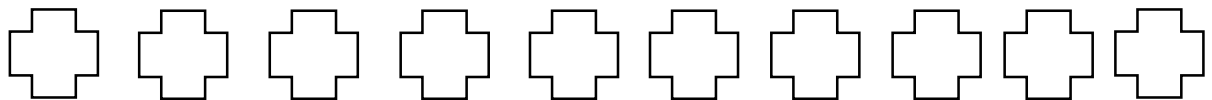
Colour stars:



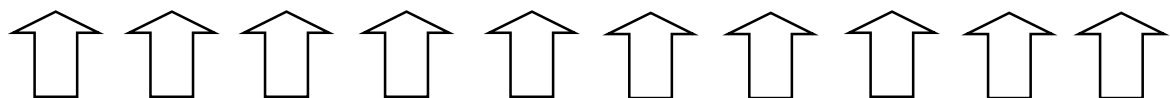
Colour circles:

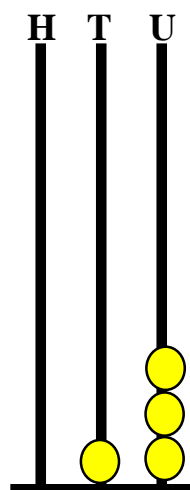


Colour crosses:



Colour arrows:



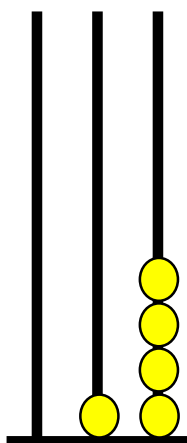
The abacus

The abacus is a way of showing numbers.

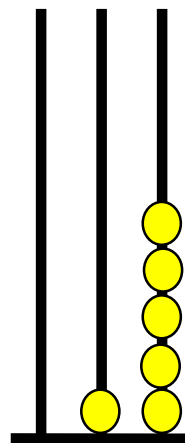
This abacus has 1 in the tens and
3 in the units
making 13 in all.

Write down what the abacus shows on each of these:

1.

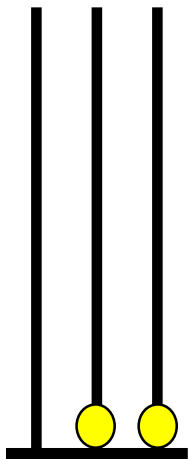


2.



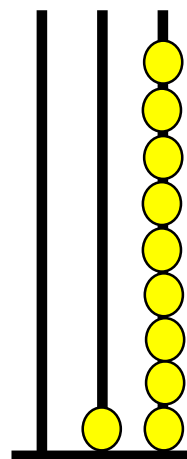
Write down in numbers and words what each of these shows:

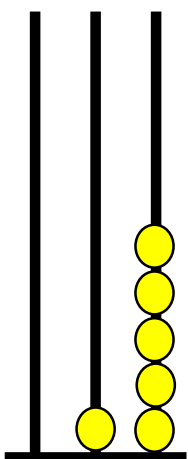
1.



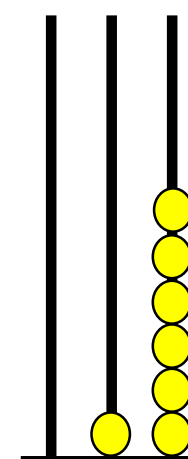
Number

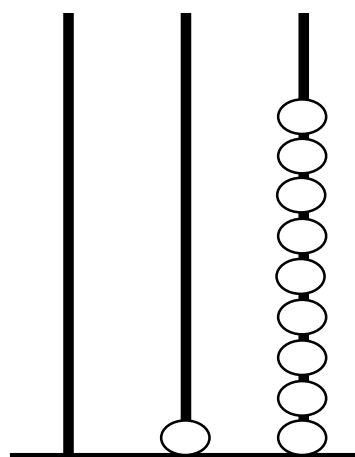
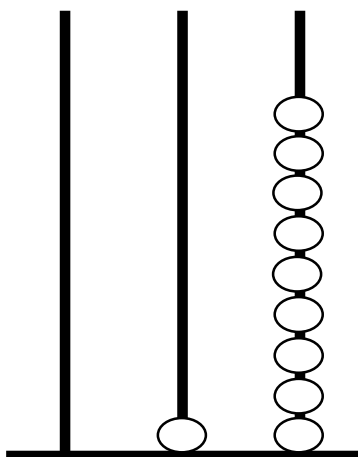
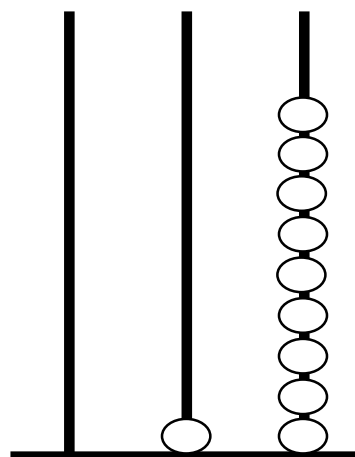
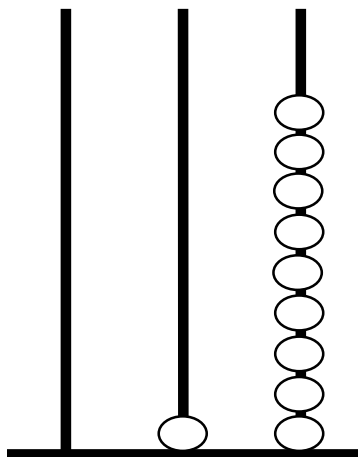
2.





Number







What number goes in each box?

1. $16 = \square + 6$

2. $15 = \square + 5$

3. $12 = 10 + \square$

4. $18 = 10 + \square$

5. $11 = \square + 1$