

MATHEMATICS



N.S. Yr. 1 P.26

**Understand that more than two numbers
can be added together.**

Equipment

Paper, pencil, ruler
Number line
Counting apparatus

MathSphere

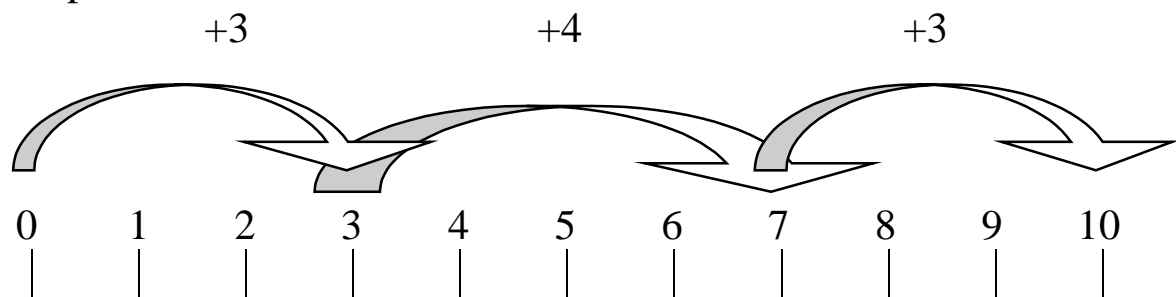
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Concepts

As most children begin to add with just two numbers it is important early on to understand that addition can be applied to three or more numbers.

The best way to introduce this is with counting or hopping along a number line and recording the moves.

For example:

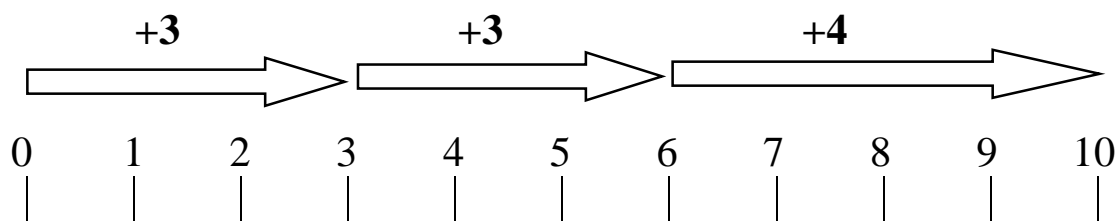


$$3 + 4 + 3 = 10$$

Other very useful ways include using bricks or unifix and finding ways of making 10 using three sets of blocks or bricks.

eg 4 blocks + 2 blocks + 4 blocks = 10 blocks

A good deal of investigative work can be done in this module, especially "How many ways?" type questions and "What different totals can you make?"

Three hops to ten

$$3 + 3 + 4 = 10$$

Make 3 hops along these number lines to make 10.

1.



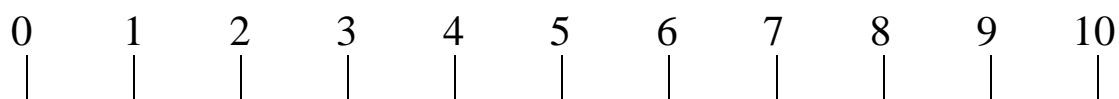
$$\square + \bigcirc + \text{pentagon} = 10$$

2.

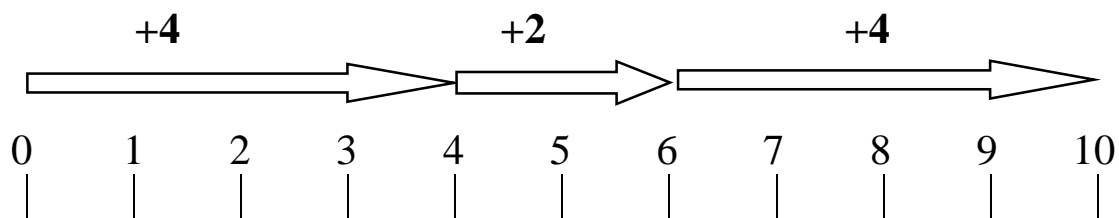


$$\square + \bigcirc + \text{pentagon} = 10$$

3.



$$\square + \bigcirc + \text{pentagon} = 10.$$


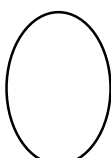
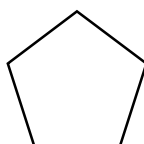
Three hops to ten

$$4 + 2 + 4 = 10$$

Make 3 hops along these number lines to make 10.


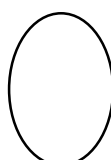
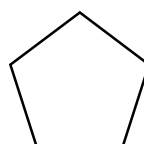
1.



 $+$  $+$  $= 10$


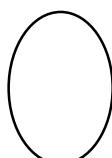
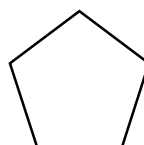
2.



 $+$  $+$  $= 10$

3.



 $+$  $+$  $= 10.$

How many ways?**How many ways can you make 10 by adding three numbers?**

$$\square + \bigcirc + \text{pentagon} = 10$$

$$\square + \bigcirc + \text{pentagon} = 10$$

$$\square + \bigcirc + \text{pentagon} = 10$$

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$$\square + \bigcirc + \text{pentagon} = 10$$

$$\square + \bigcirc + \text{pentagon} = 10$$



Find the missing number to make the number sentences true.



1. $2 + 5 + \square = 10$

2. $4 + 4 + \square = 10$

3. $1 + 5 + \square = 10$

4. $3 + 3 + \square = 10$

5. $5 + 2 + \square = 10$

6. $6 + 3 + \square = 10$

7. $4 + 2 + \square = 10$

8. $2 + 3 + \square = 10$



Find the missing number to make the number sentences true.



1. $3 + 4 + \square = 10$

2. $5 + 4 + \square = 10$

3. $2 + 6 + \square = 10$

4. $4 + 1 + \square = 10$

5. $6 + 2 + \square = 10$

6. $3 + 5 + \square = 10$

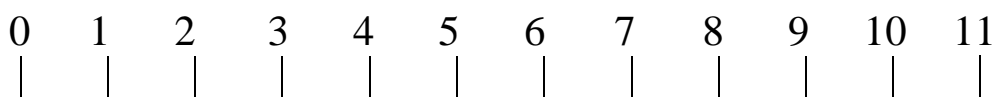
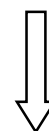
7. $7 + 1 + \square = 10$

8. $1 + 6 + \square = 10$

Add 3 numbers to make 11

I did this:

$$2 + 4 + 5 = 11$$



$$\square + \bigcirc + \text{pentagon} = 11$$

$$\square + \bigcirc + \text{pentagon} = 11$$

$$\square + \bigcirc + \text{pentagon} = 11$$

$$\square + \bigcirc + \text{pentagon} = 11$$

$$\square + \bigcirc + \text{pentagon} = 11$$

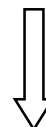
$$\square + \bigcirc + \text{pentagon} = 11$$

$$\square + \bigcirc + \text{pentagon} = 11$$

Add 3 numbers to make 12

I did this:

$$5 + 4 + 3 = 12$$



$$\square + \bigcirc + \text{pentagon} = 12$$

$$\square + \bigcirc + \text{pentagon} = 12$$

$$\square + \bigcirc + \text{pentagon} = 12$$

$$\square + \bigcirc + \text{pentagon} = 12$$

$$\square + \bigcirc + \text{pentagon} = 12$$

$$\square + \bigcirc + \text{pentagon} = 12$$

$$\square + \bigcirc + \text{pentagon} = 12$$

Adding three numbers

2

3

5

1



Take any three
numbers.
Add them up.
What different totals
can you make?



Adding three numbers

4

3

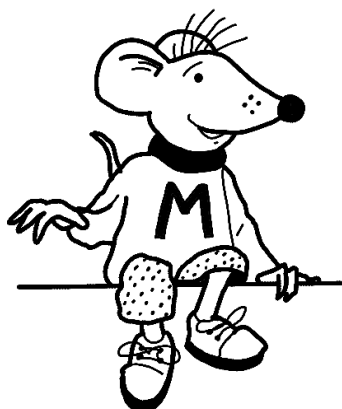
5

2



Take any three
numbers.
Add them up.
What different totals
can you make?



Adding three numbers

Take any three
numbers.
Add them up.
What different totals
can you make?

