



MATHEMATICS



N.S. Yr. 1 P.30

Know addition and subtraction facts

Equipment

Paper, pencil, ruler
Number line, counters

MathSphere

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Concepts

Learning these basic addition and subtraction facts is crucial if children are going to make good progress in the future and it is well worth spending as much time as possible on these facts.

In year 1 only go as far as **knowing by heart**:

all addition and subtraction facts up to 5

addition of doubles up to $5 + 5$
and begin to know doubles up to 10

pairs of numbers which add up to 10

These facts need to be constantly re-inforced, mainly through practical activities and oral questioning. Making pairs of cards to add up to 10, dominoes, rolling dice and adding on to make ten are just a few of the ways.

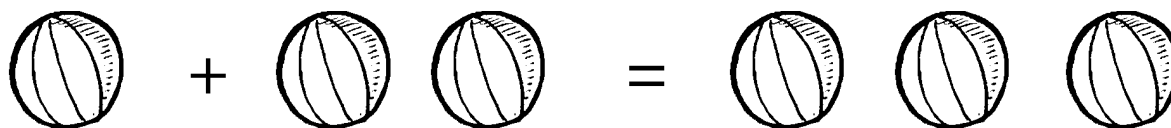
Good questions to ask are

How many do I need to add to make .. ?

How many more counters are needed to make ..?

What is double .. ?

What is half of.. ?

Adding

$$1 + 2 = \boxed{3}$$



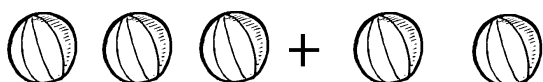
Hi! Try adding these.



$$1 + 3 = \boxed{}$$







$$2 + 2 = \boxed{}$$





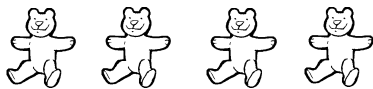

$$3 + 2 = \boxed{}$$



Adding


2 + 
3 =


3 + 
4 =


2 + 
4 =


4 + 
3 =


3 + 
3 =

$$2 + 4$$

$$4 + 4$$

$$3 + 4$$

$$1 + 4$$



5



6



7



8

Join the balloon string to the correct ratty.

$$2 + 3$$

$$3 + 3$$

$$1 + 2$$

$$3 + 4$$



6



7



5



3

Join the balloon string to the correct ratty.

Adding

Now try **adding** these.

1. **2 + 4 =**

2. **1 + 3 =**

3. **1 + 4 =**

4. **4 + 3 =**

5. **4 + 4 =**

6. **0 + 3 =**

7. **3 + 4 =**

8. **2 + 3 =**

9. **2 + 0 =**

10. **1 + 2 =**

Adding

Now try **adding** these.
I bet you are getting
really quick at these!

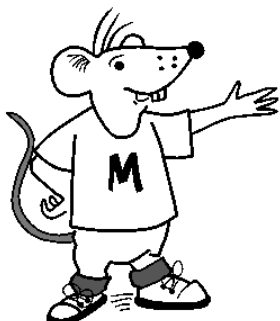
1. $1 + 3 =$ 2. $2 + 0 =$

3. $4 + 4 =$ 4. $2 + 3 =$

5. $3 + 4 =$ 6. $4 + 0 =$

7. $2 + 1 =$ 8. $0 + 3 =$

9. $2 + 2 =$ 10. $1 + 4 =$

Doubles

Have a go at these
additions.
They are all
doubles.

$$1 + 1 = \bigcirc$$

$$2 + 2 = \bigcirc$$

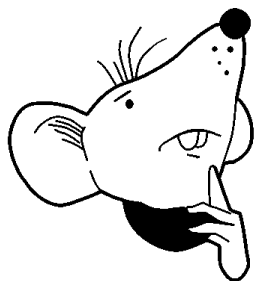
$$3 + 3 = \bigcirc$$

$$4 + 4 = \bigcirc$$

$$5 + 5 = \bigcirc$$



Try to learn all these answers.

Doubles

Mmmm.....

Can you draw a line from the sum to the correct answer?

Have a go!

$$2 + 2$$

$$5 + 5$$

10

2

4

$$1 + 1$$

$$3 + 3$$

6

12

$$6 + 6$$

Doubles

Double trouble!!
Have a go at these if
you dare!



1. Double 5 is

0

1

2

3

2. Double 2 is

4

5

6

3. Double 7 is

7

8

9

10

4. Double 3 is

11

12

13

14

5. Double 9 is

15

16

17

18

6. Double 0 is

19

20

Doubles

And even more
double trouble!



1. Double 4 is

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

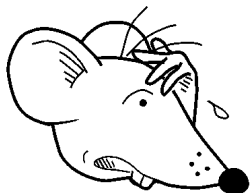
2. Double 1 is

3. Double 6 is

4. Double 10 is

5. Double 8 is

6. Double 5 is

Pairs that make 10

Join pairs of cards
that make ten!
Aargh!!!!

0
1
2
3
4
5
6
7
8
9
10

6

5

3

4

7

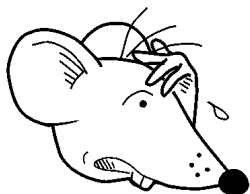
5

2

8

1

9

Pairs that make 10

More cards to join –
easy peasy!

2

4

6

5

8

9

3

5

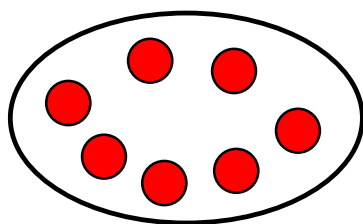
1

7

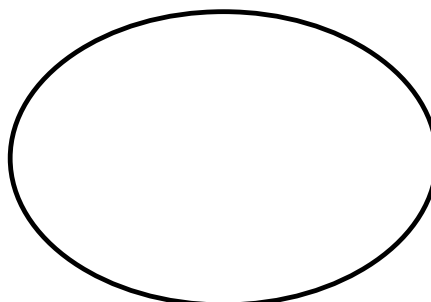
0
1
2
3
4
5
6
7
8
9
10

How many more to make ten?

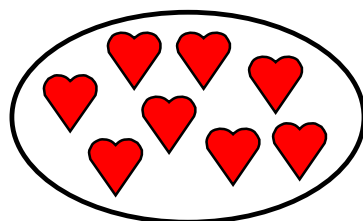
Draw in the number of shapes
needed to make ten altogether.



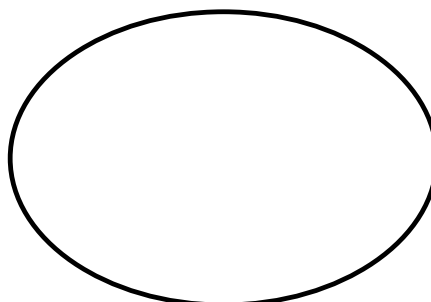
+



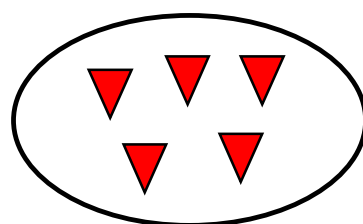
= 10



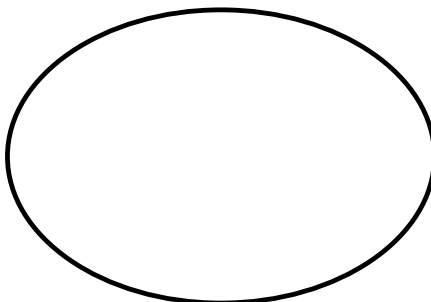
+



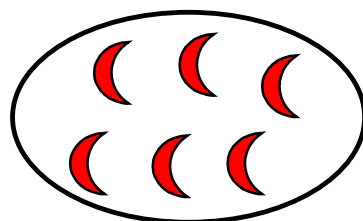
= 10



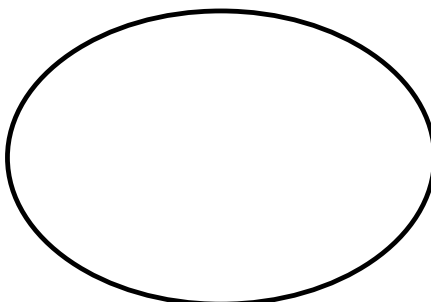
+



= 10



+

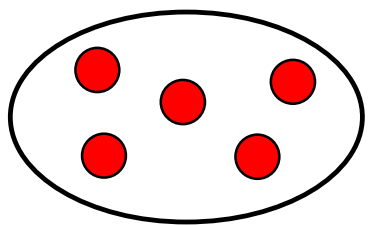
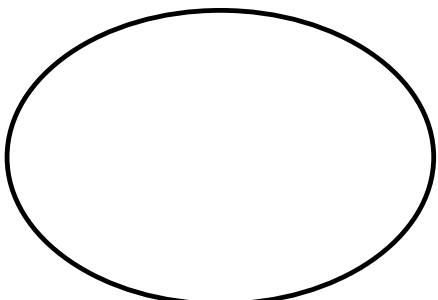


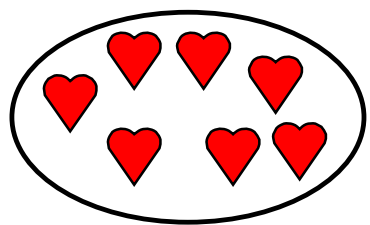
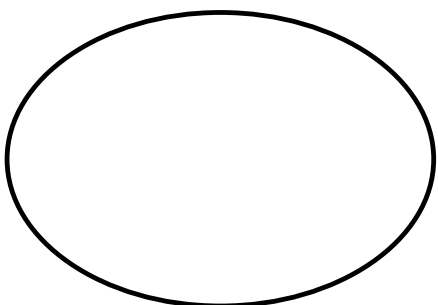
= 10

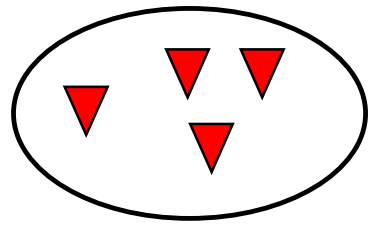
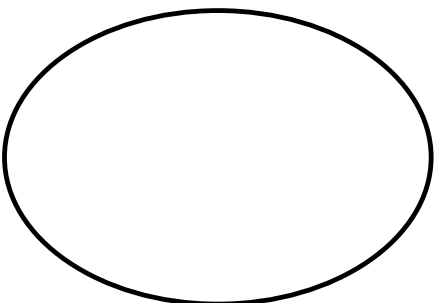
How many more to make ten?

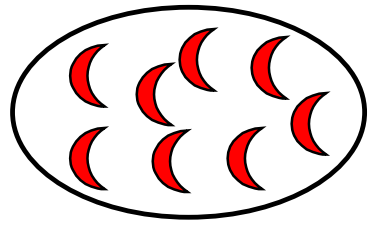
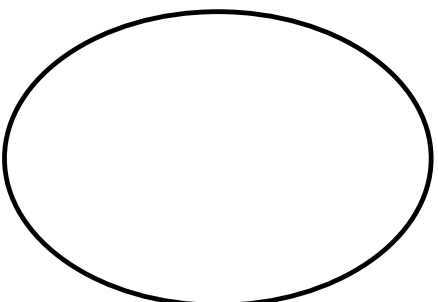
Draw in the number of shapes
needed to make ten altogether.



 $+$  $= 10$

 $+$  $= 10$

 $+$  $= 10$

 $+$  $= 10$

Adding up to ten

Put in the missing numbers to make the sums add up to ten.

1. $6 + \square = 10$

2. $2 + \square = 10$

3. $9 + \square = 10$

4. $5 + \square = 10$

5. $4 + \square = 10$

6. $3 + \square = 10$

Adding up to ten

Put in the missing numbers to make the sums add up to ten.

1. $1 + \square = 10$

2. $8 + \square = 10$

3. $0 + \square = 10$

4. $7 + \square = 10$

5. $2 + \square = 10$

6. $10 + \square = 10$



Your turn to make the sums up now!
... but the answer will always be ten!!

1.

+

 $= 10$

2.

+

 $= 10$

3.

+

 $= 10$

4.

+

 $= 10$

5.

+

 $= 10$

$$4 - 2$$

$$4 - 0$$

$$4 - 3$$

$$4 - 1$$



1



2

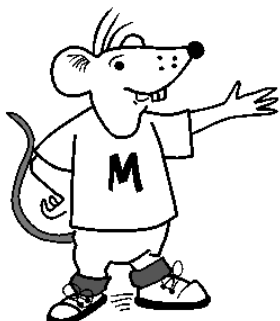


3



4

Join the balloon string to the correct ratty.

Subtraction

Have a go at these
subtractions.
Pretty easy, eh!

$$3 - 2 = \bigcirc$$

$$4 - 1 = \bigcirc$$

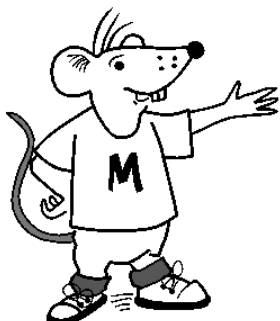
$$2 - 2 = \bigcirc$$

$$4 - 0 = \bigcirc$$

$$3 - 1 = \bigcirc$$



Try to learn all these answers.

Subtraction

Have a go at these
subtractions.
Pretty easy, eh!

$$3 - 0 = \bigcirc$$

$$4 - 3 = \bigcirc$$

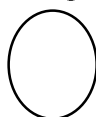
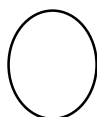
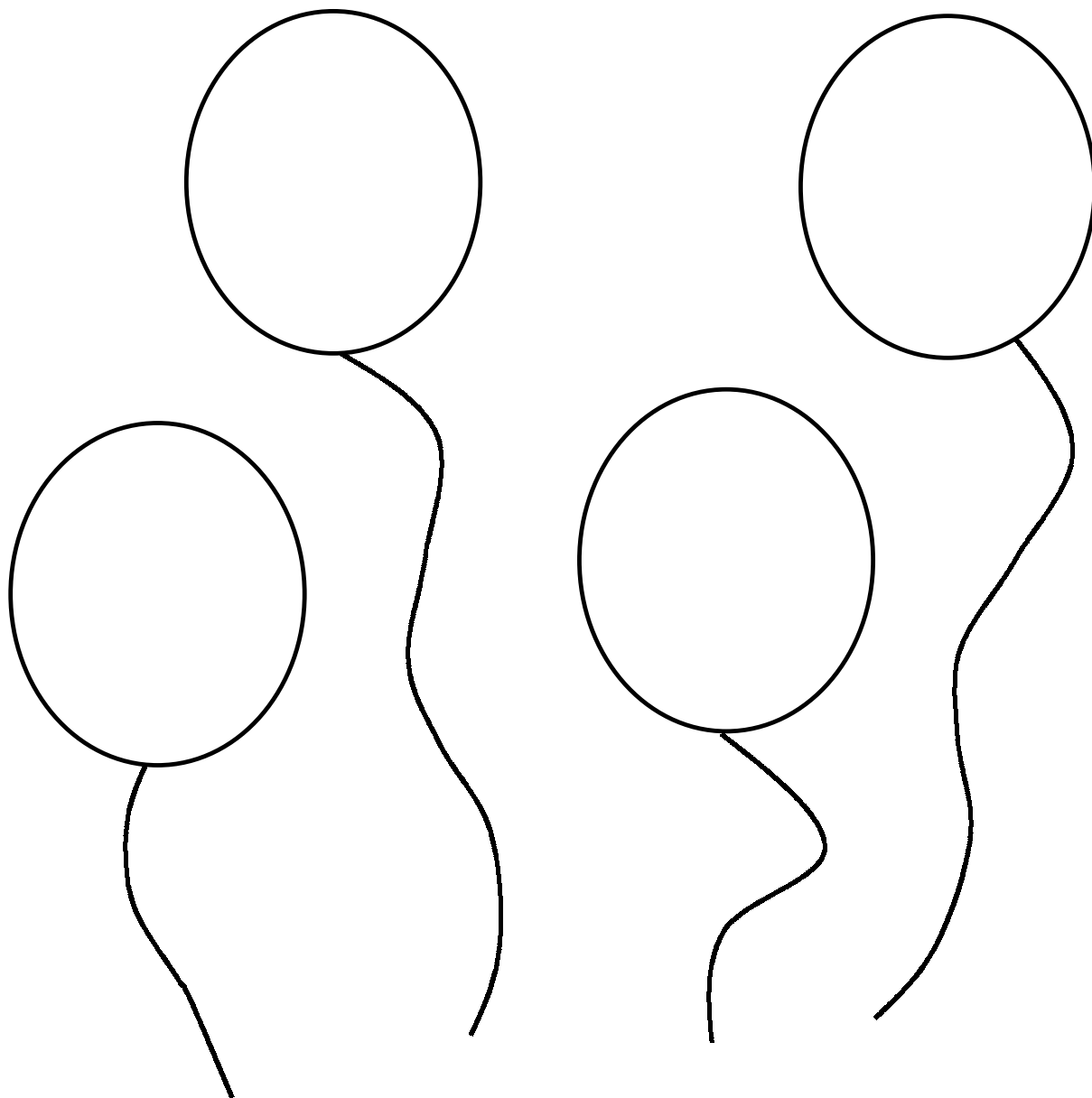
$$1 - 0 = \bigcirc$$

$$2 - 1 = \bigcirc$$

$$4 - 2 = \bigcirc$$



Try to learn all these answers.



Join the balloon string to the correct ratty.

How many more to make ten?

Draw in the number of shapes
needed to make ten altogether.



$$\bigcirc + \bigcirc = 10$$

$$\bigcirc + \bigcirc = 10$$

$$\bigcirc + \bigcirc = 10$$

$$\bigcirc + \bigcirc = 10$$