

Counting and Properties of Numbers

Year 2 Summer Term Week 8

Lesson 4

Today we will be learning to:

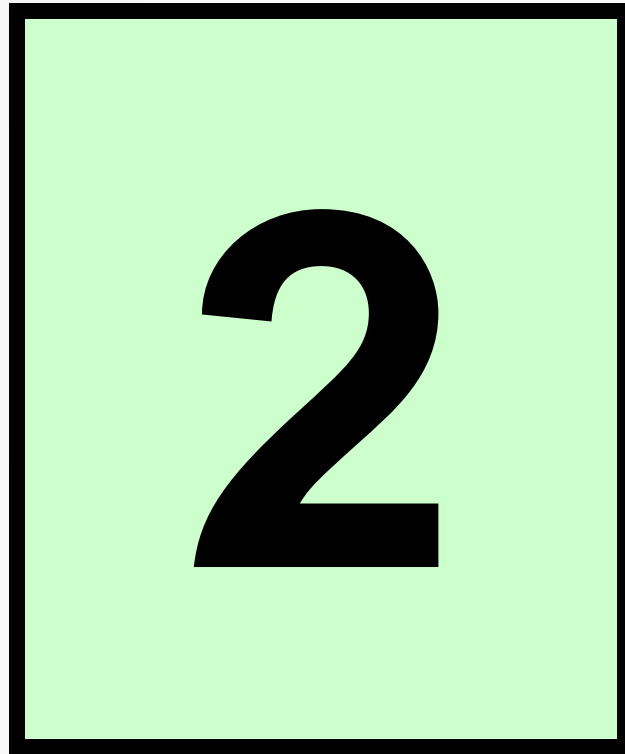
- solve mathematical problems
- explain how a problem was solved
- use symbols for unknown numbers
- write number sentences.

Mental Activity

Doubling



Double this.

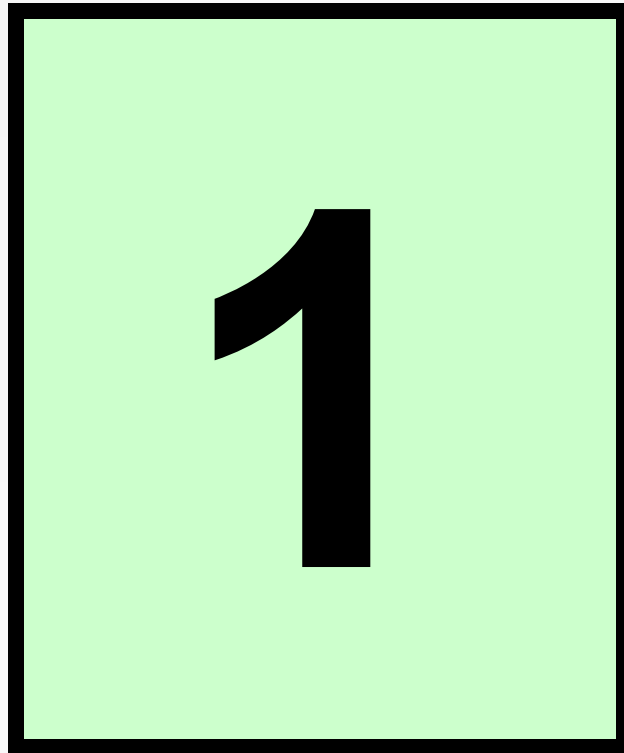


Double this.



3

Double this.



Double this.



5

Double this.

10

Make a doubling number snake.

Start at 2.

See how far we can go.

Main Activity

Today we are going to
use what we know about numbers and
addition
to work out what different shapes are
worth.

Missing numbers.

$$\square + \square = 10$$

Each shape stands for a particular missing number.

$$\square + \bigcirc = 8$$

$$\bigcirc + \triangle = 5$$

How much is each shape worth?

Missing numbers.

$$\square + \square = 10$$

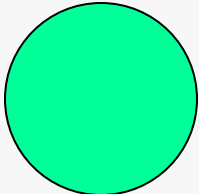
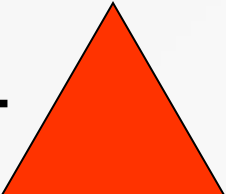
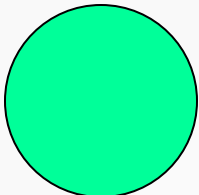
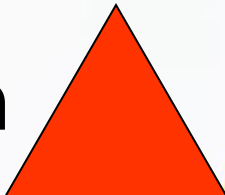
$$\square + \bigcirc = 8$$

$$\bigcirc + \triangle = 5$$

How did you do it?

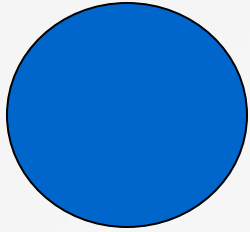
 +  = 10 so  must be...

 +  = 8 if  is 5 then  is...

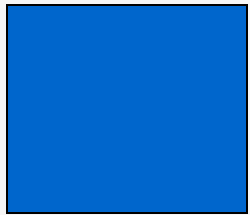
 +  = 5 if  is 3 then  is...

How did you do it?

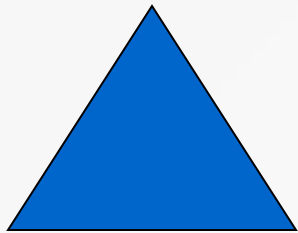
Group Work



Solve similar problems using shapes as symbols.



Solve similar problems using shapes as symbols.



Make up some 'double' symbol number sentences of your own. Ask a classmate to solve them.