

# **Addition and Subtraction, Mental Calculation Strategies**

**Year 2 Summer Term Week 3**

**Lesson 1**

# Today we will be learning to:

- add
- know what near doubles are
- use doubles to solve near double problems.

# Mental Activity

0	2	4	11		
	10				
12		7		50	5
	1	9		20	
8			3		40
	6	30			

Double any number.

Double a number not given here.

0	2	4	11		
	10				
12		7		50	5
	1	9		20	
8			3		40
	6	30			

What do you notice about doubles?

They are always even numbers.

# Main Activity

Today we are going to look for near doubles

and then revise using doubles we know  
to calculate near doubles.

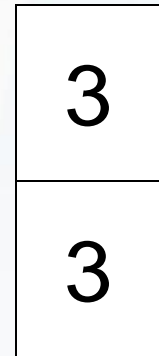
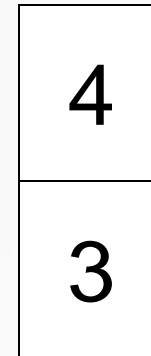
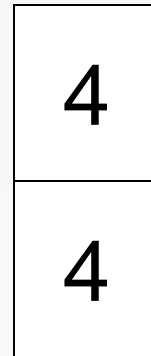
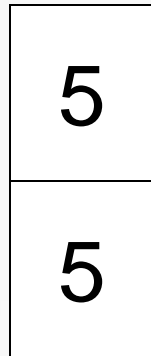
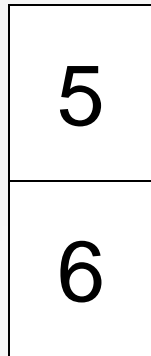
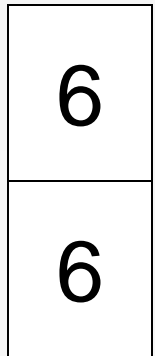
What does 'double' mean?

What other words mean 'double'?

What does 'near double' mean?

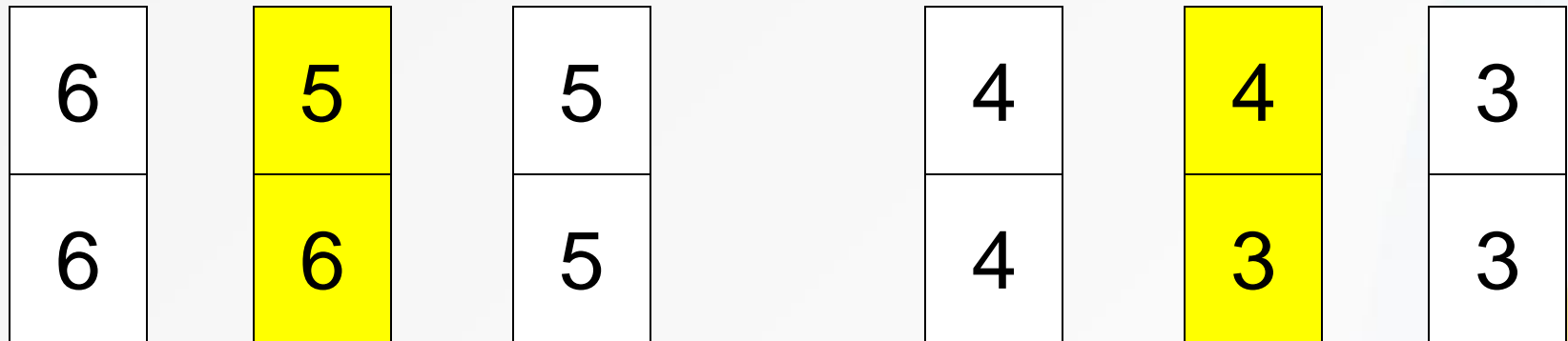
A near double is a double  
plus or minus one.

Which of these domino pieces are doubles and which are near doubles?



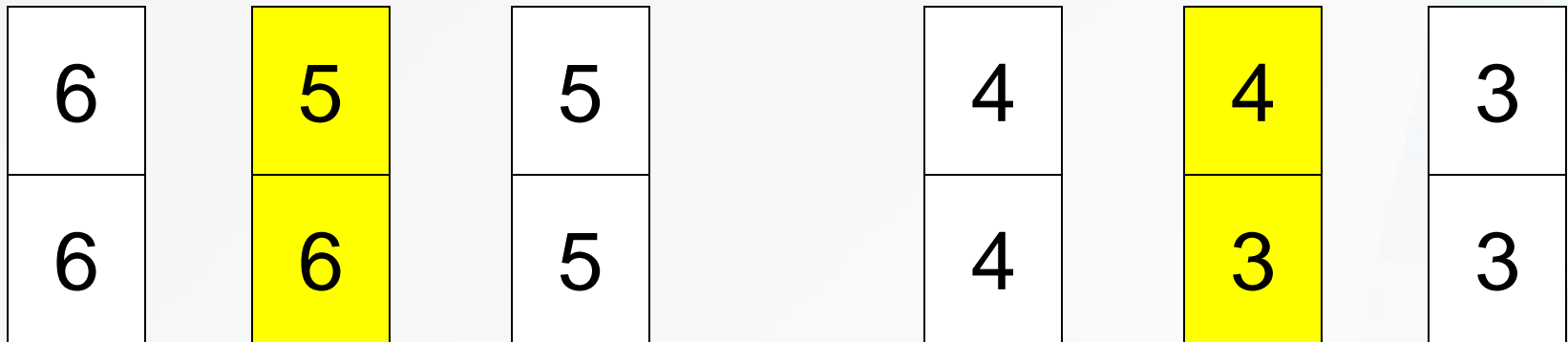


The yellow dominoes are near doubles of the two white doubles.



Can you see why?

Total the numbers on each domino.



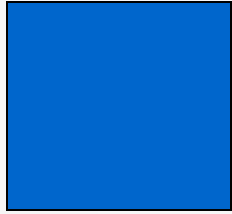
Can you see a near double is a double, take away or add 1?

Find some larger 'near doubles'.

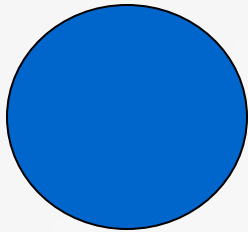
What would the near doubles of 8 be?

What would the near doubles of 20 be?

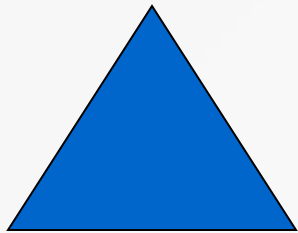
# Group Work



Practise recognising near doubles and use doubles to solve them.



Write out the doubles from  $1 + 1$  to  $10 + 10$ . Sort cards into those that are near doubles and those that are not.



Find all the near doubles for the doubles:  $20 + 20$ ,  $11 + 11$  and  $50 + 50$  and try to solve them.