

Counting and Properties of Numbers

Year 2 Spring Term Week 8

Lesson 5

Today we will be learning to:

- recognise odd and even numbers
- recognise a pattern, generalise and make predictions
- explain reasoning.

Mental Activity

How many pairs of numbers can you give me with a difference of 2?

You will be timed.

Can you beat your last score?

How many pairs of numbers can you give me with a difference of 10?

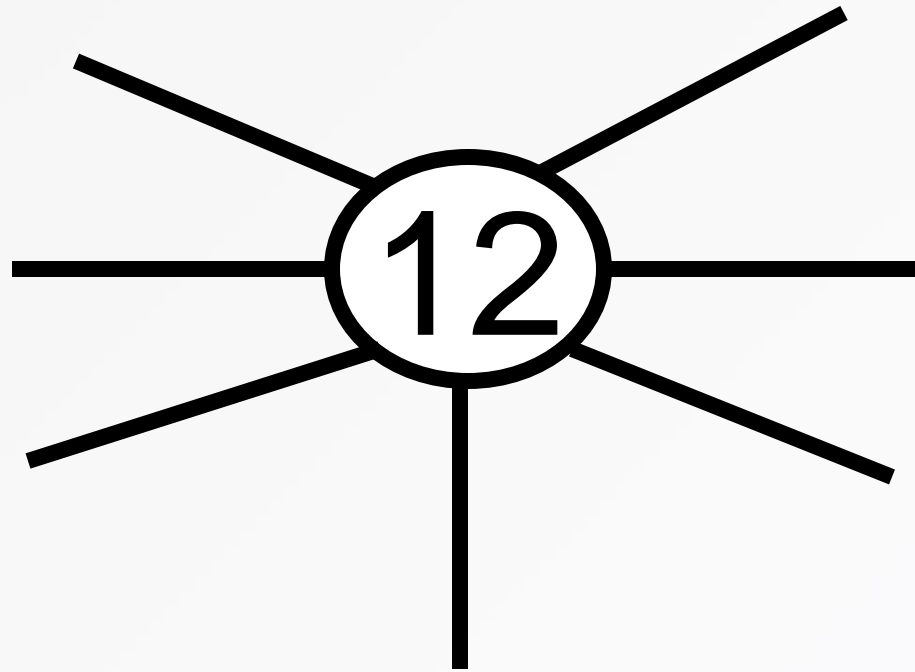
You will be timed.

Can you beat your last score?

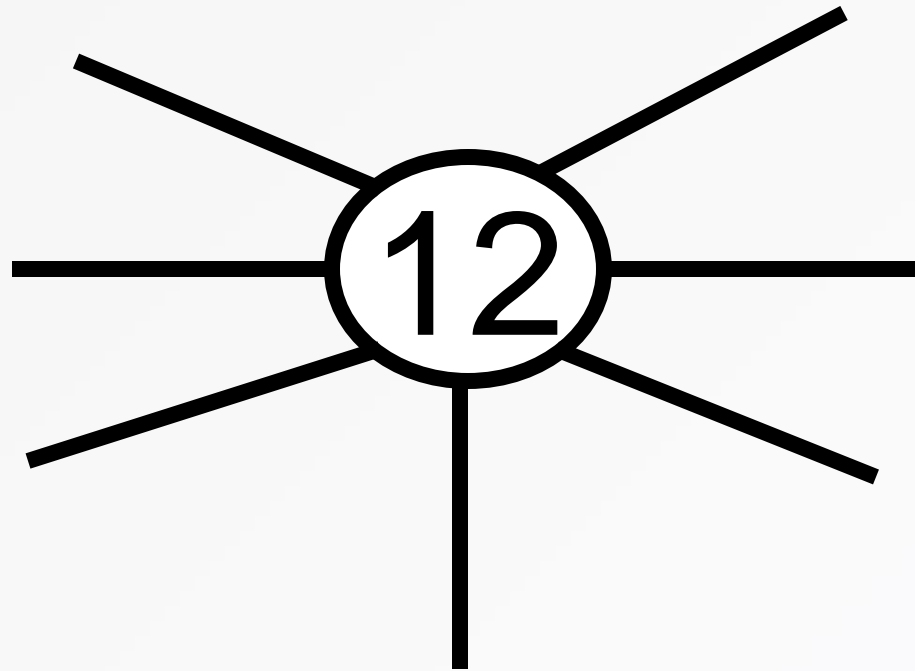
Main Activity

Today we are going to add odd and even numbers.

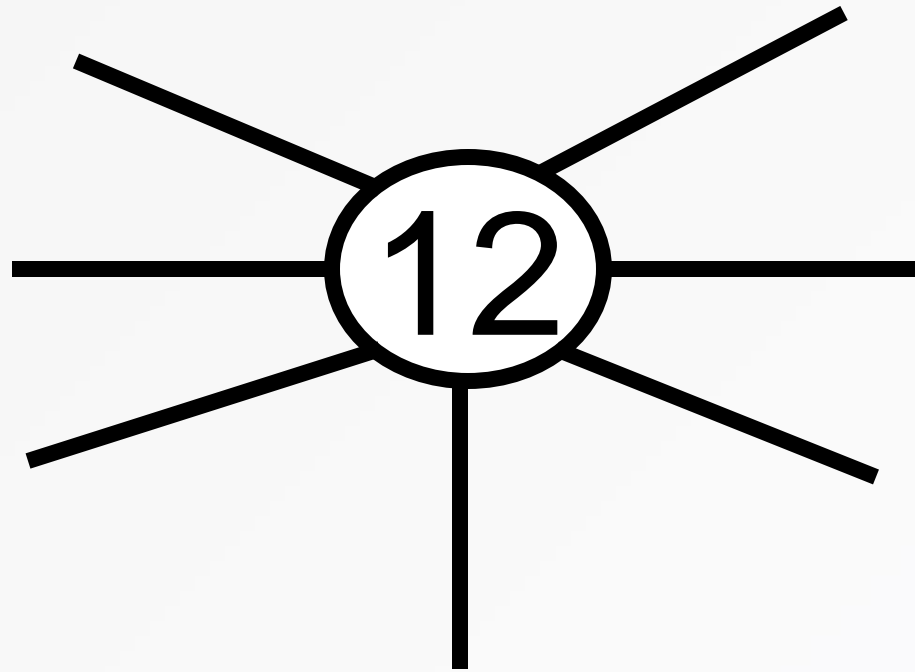
How many ways can you add two numbers together to make 12?



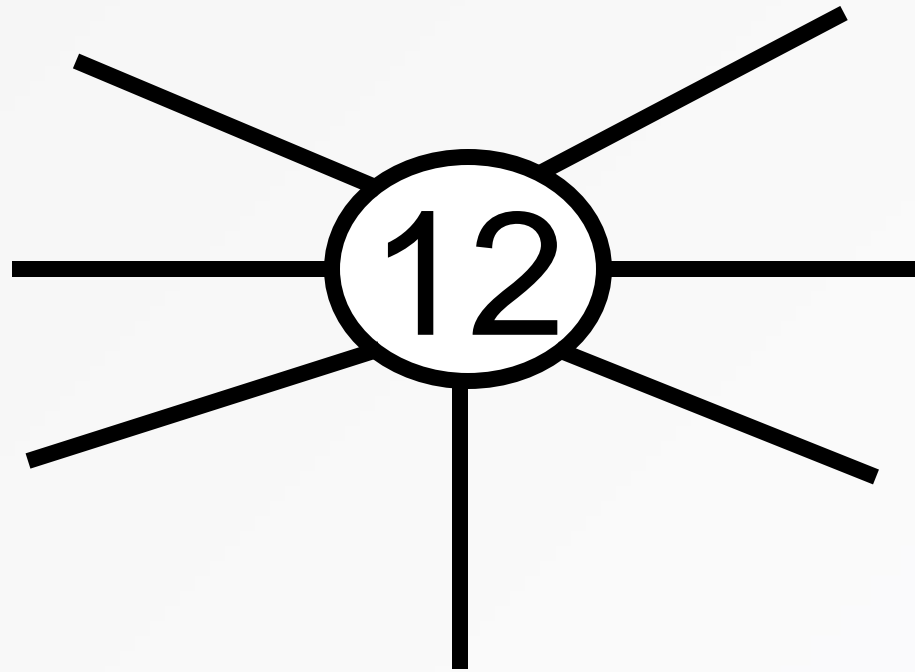
Can you see any pairs of odd numbers?



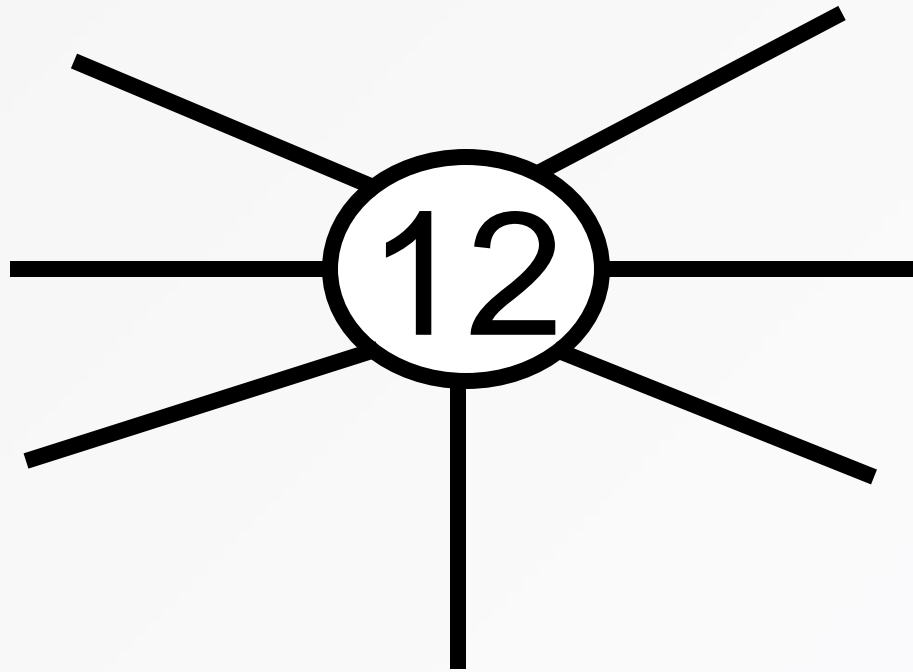
Can you see any pairs of even numbers?



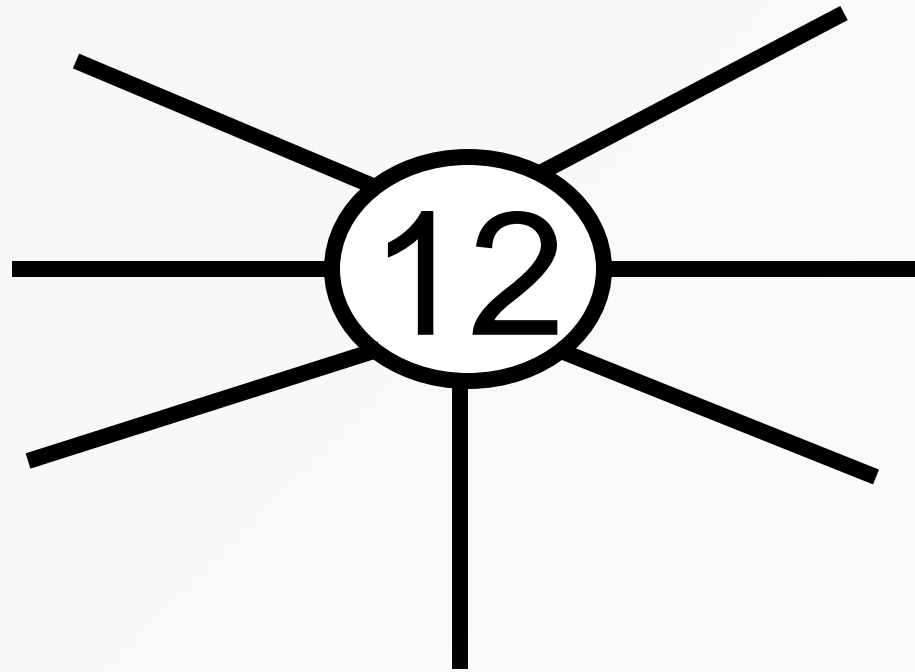
Can you see any pairs containing one even and one odd number?



Why do you think this is?



Because an odd number and an even number makes an odd answer.



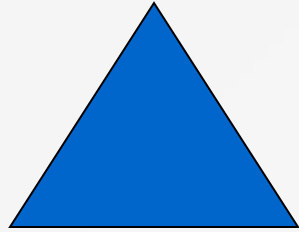
Today you are going to investigate adding three numbers to make 11.

Examples:

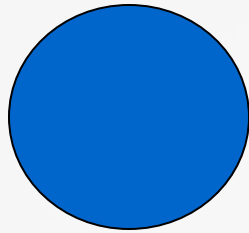
$$10 + 1 + 0 = 11$$

$$6 + 4 + 1 = 11$$

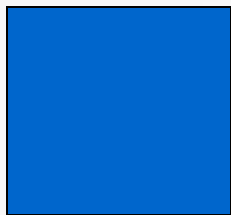
Group Work



Find ways of making 11 mentally by adding three numbers. Look for patterns.



Use interlocking cubes to make sticks of 11 which can be broken into three parts. How many of the ways contain only odd numbers?



Find ways of making 11 by adding three numbers. How many of the ways use three odd numbers?