

MATHS

Friday 17th July

LI: To recognise odd and even numbers

Can you build in twos?

Use counters/small objects to put the quantities together in 2s...

5 6 7 9 10 8

18 16 17 19 20 15

Are these numbers odd or even?

Answer:

Can you build in twos?

Have a go



5 6 7 9 10 8

18 16 17 19 20 15

Are these numbers odd or even?

Can you spot the pattern? Can you continue the pattern on a piece of paper?



In order:

Can you build in twos?

Have a go



5 6 7 8 9 10

15 16 17 18 19 20

Are these numbers odd or even?

Can you spot the pattern? Can you continue the pattern on a piece of paper?

Splitting down the middle



Splitting down the middle



4

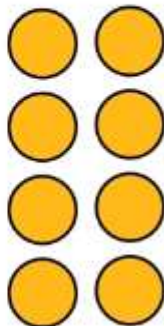
Even



Splitting down the middle



8

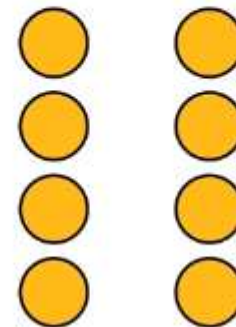


Splitting down the middle



8

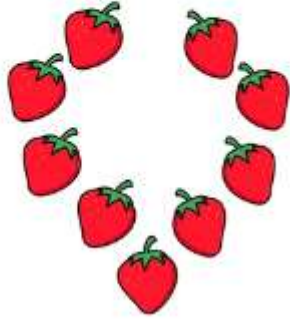
Even



Splitting down the middle



9



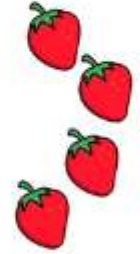
Splitting down the middle



Odd



9



Whitney is making a number pattern.



, , 6, 8, 10, 12, , ,

Have a go



Whitney is making a number pattern.






Answer:

2, 4, 6, 8, 10, 12, 14, 16, 18,

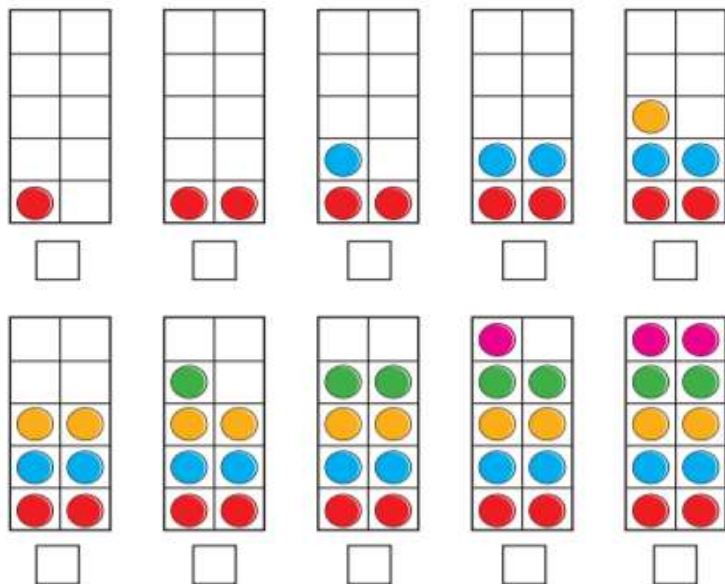
Try this:

Which numbers greater than 40 could be in the pattern?

	<p>Make a list of all the odd numbers between 1-20</p> <p>Make a list of all the even numbers between 1-20</p>
	<p>Make a list of all the odd numbers between 90-110</p> <p>Make a list of all the even numbers between 90-110</p>
	<p>Make a list of all the odd numbers between 900-1000</p> <p>Make a list of all the even numbers between 900-1000</p>

Odd and even numbers

- 1 Eva uses counters to make the numbers from 1 to 10



Tick all the numbers that are even.

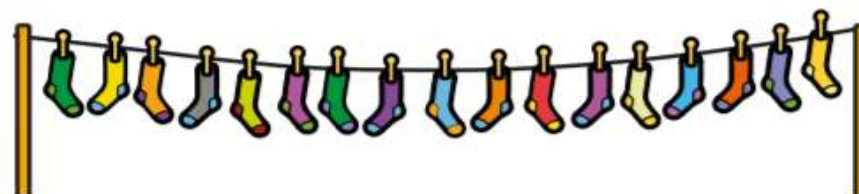
What do you notice about all the even numbers?

- 2 Use counters and ten frames.
- Show that 14 is an even number.
 - Show that 15 is an odd number.
 - Work out whether 18 is even or odd.
- Compare answers with a partner.

- 3 Draw circles to show the groups.
- Group the shoes in 2s to show that 16 is even.



- Group the socks in 2s to show that 17 is odd.

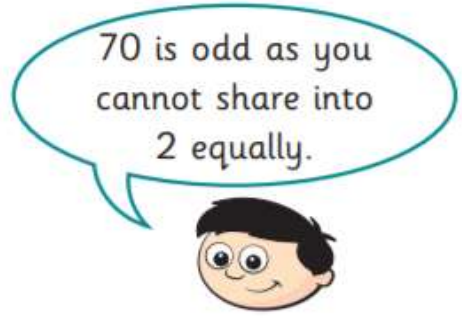
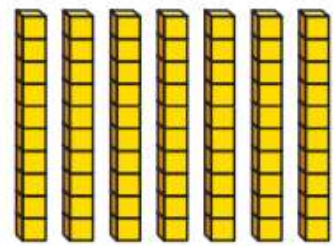


- 4 Colour all the even numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

What do you notice about the last digit of all the even numbers?

5 Dexter makes the number 70 from base 10



What mistake has Dexter made?

6 a) Teddy has a 2-digit number.

The 1st digit has been covered up.



Is Teddy's number odd or even?
Circle your answer.

odd **even** **you cannot tell**

How do you know?

b) Dora has a 2-digit number

The 2nd digit has been covered up.



Is Dora's number odd or even?
Circle your answer.

odd **even** **you cannot tell**

7 Roll 2 dice and find the total.

Complete the table.

Dice 1	Dice 2	Total	Is the total odd or even?
3 (odd)	2 (even)	$3 + 2 = 5$	odd

What patterns can you spot?

8 Whitney is making a number pattern.

, 5, 7, 9, 11, 13, 15, ,

a) Write the missing numbers.

b) Write 2 numbers greater than 30 that could be in the pattern.

c) Write 2 numbers greater than 60 that could not be in the pattern.

