

Odd and even numbers

Discover



- 1 a) Which socks can be sorted into pairs with none left over?
b) More socks are hung out to dry.

Can each row be sorted into pairs with none left over?

Write Yes or No for your answer.

8		
9		
10		
11		
12		

Share

- a) Each pair of socks has 2 socks.





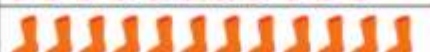


I circled each pair but there is 1 sock left over.

The plain socks can be sorted into pairs with none left over.

- b)

I counted in 2s to see which socks could be paired up. 2, 4, 6, 8, 10...

8		yes
9		no
10		yes
11		no
12		yes

2, 4, 6, 8, 10 and 12 are **even** numbers.
1, 3, 5, 7, 9 and 11 are **odd** numbers.



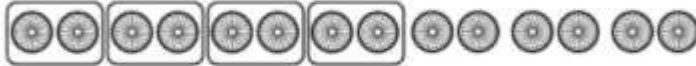
Think together

1 A  shop buys 14 wheels.

A  needs 2 wheels.

Can all the wheels be paired up?

Copy the diagram and complete the sentences.



14 wheels _____ be paired up.

14 is an _____ number.

can

cannot

odd

even

2 Can 15 wheels be paired up?

Copy the diagram and complete the sentences.



15 wheels _____ be paired up.

15 is an _____ number.

3 a) Is 17 an odd or even number?

CHALLENGE



b) Sort these numbers to show whether they are odd or even.

16 17 20 25 32 33

Odd	Even
9 11	10

I will group them into 2s.

I think I have found a quicker way.

