

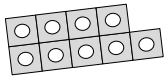




Look at the number and the number piece. Is it odd or even?

Circle the correct word.

9



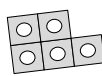
odd / even

2



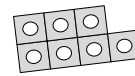
odd / even

5



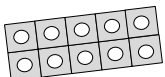
odd / even

7



odd / even

10



odd / even

4



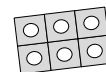
odd / even

1



odd / even

6



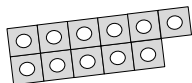
odd / even

3



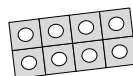
odd / even

11



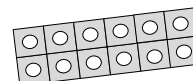
odd / even

8



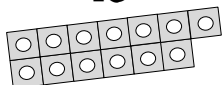
odd / even

12



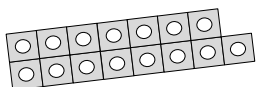
odd / even

13



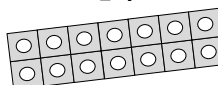
odd / even

15



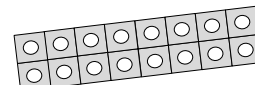
odd / even

14



odd / even

16



odd / even

Circle the word that makes the statement true.

Even numbers can / cannot be shared between 2 equally.

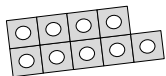
Odd numbers can / cannot be shared between 2 equally.



Look at the number and the number piece. Is it odd or even?

Circle the correct word.

9



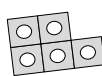
odd / even

2



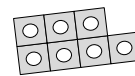
odd / even

5



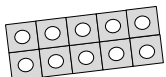
odd / even

7



odd / even

10



odd / even

4



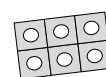
odd / even

1



odd / even

6



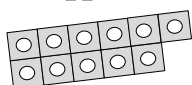
odd / even

3



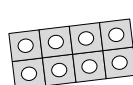
odd / even

11



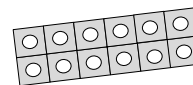
odd / even

8



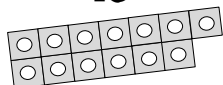
odd / even

12



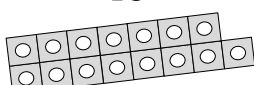
odd / even

13



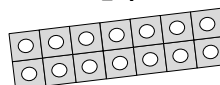
odd / even

15



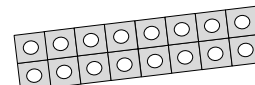
odd / even

14



odd / even

16



odd / even

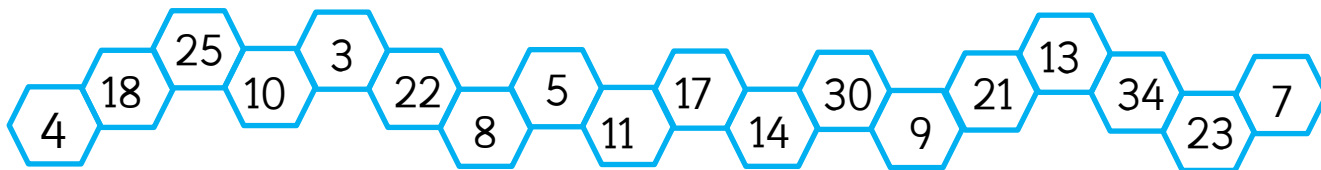
Circle the word that makes the statement true.

Even numbers can / ~~cannot~~ be shared between 2 equally.

Odd numbers cannot / ~~can~~ be shared between 2 equally.



Sort the numbers below onto the table.



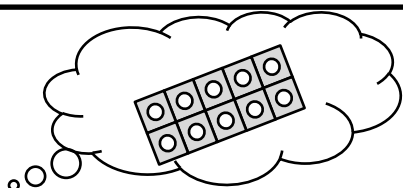
Even	Odd

Fill in the word that makes the statement true.

\_\_\_\_\_ numbers can be shared between 2 equally.

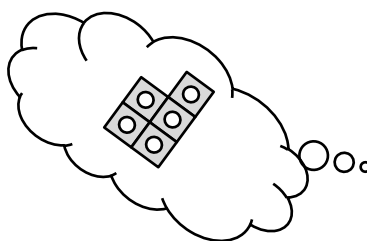
\_\_\_\_\_ numbers cannot be shared between 2 equally.

Look at the pieces below. Are they odd or even? Explain your answer.



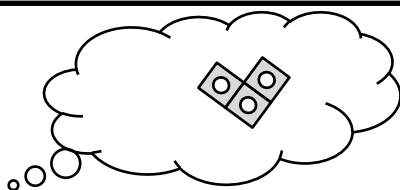
\_\_\_\_\_

\_\_\_\_\_



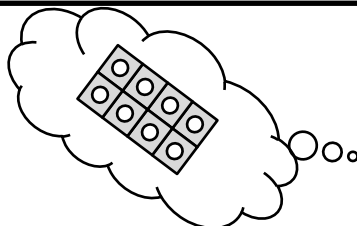
\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

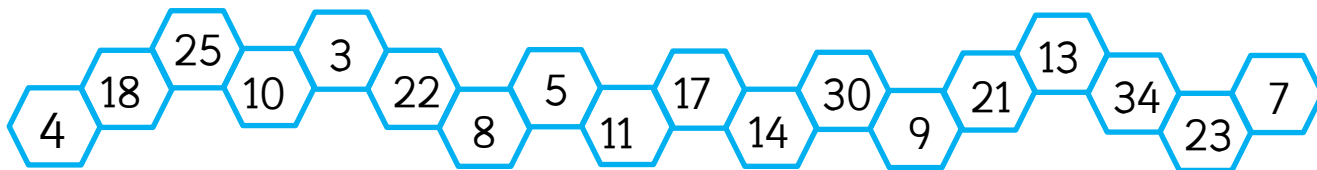


\_\_\_\_\_

\_\_\_\_\_



Sort the numbers below onto the table.



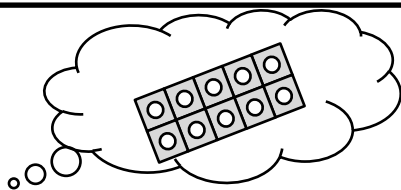
Even	Odd
4      18      10      8	25      5      17      21
22      34      14      30	3      11      9      23
	13      7

Fill in the word that makes the statement true.

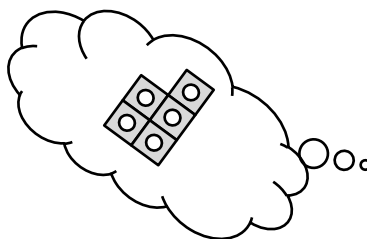
Even numbers can be shared between 2 equally.

Odd numbers cannot be shared between 2 equally.

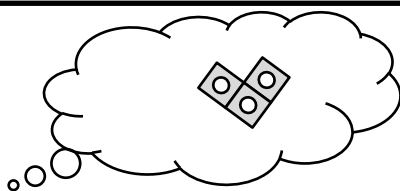
Look at the pieces below. Are they odd or even? Explain your answer.



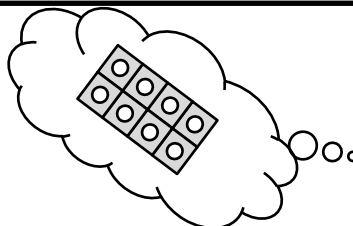
12 is even because there are two groups of six.  
The pieces match up evenly.



5 is odd because there is an extra cube that does not match up.



3 is odd because there is an extra cube that doesn't match up.



8 is even because there are two equal groups of four.  
The pieces match up evenly.

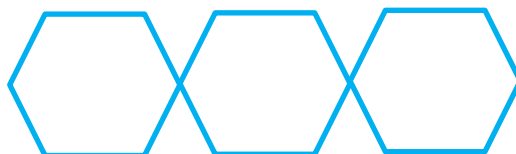


Sort the numbers below onto the table.

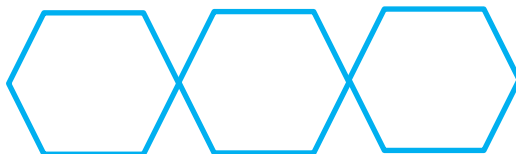
two tens and four ones	$28 + 8$	16 ones and 5 tens	$60 + 17$	18 ones and 1 ten	$63 - 10$	four tens and four ones	$80 + 5$	5 tens and 18 ones	99	$15 + 18$	14 ones and 2 tens	eighty-one	$79 - 19$
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Even	Odd

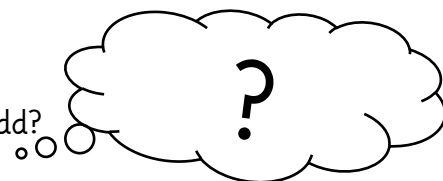
Write three number sentences that will total more than 50, that you could place in the even side.



Write three number sentences that will total less than 50, that you could place in the odd side.



How can you tell if a multi-digit number is even or odd?




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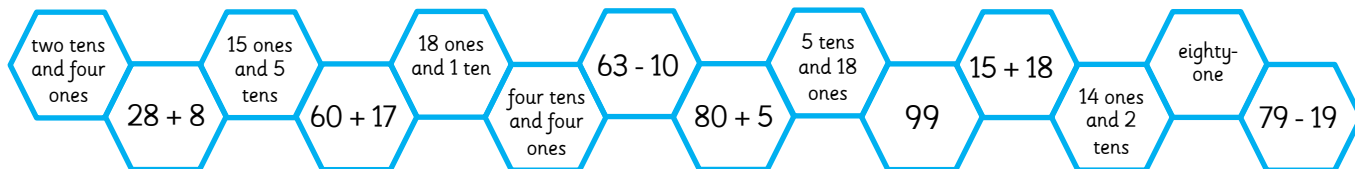
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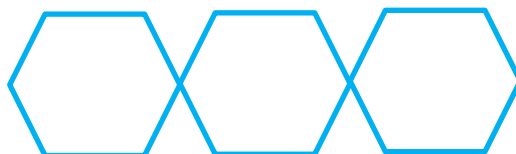
Sort the numbers below onto the table.



Even		Odd	
four tens and four ones = 44	5 tens and 18 ones = 68	$15 + 18 = 33$	99
two tens and four ones = 24	$79 - 19 = 80$	$63 - 10 = 53$	$80 + 5 = 85$
$28 + 8 = 36$	14 ones and 2 tens = 34	eighty-one	
18 ones and 1 ten = 28		15 ones and 5 tens = 65	$60 + 17 = 77$

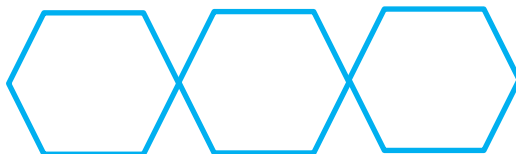
Write three number sentences, that will total more than 50, that you could place in the even side.

Answers will vary, with a total that is even and greater than 50.



Write three number sentences, that will total less than 50, that you could place in the odd side.

Answers will vary, with a total that is odd and less than 50.



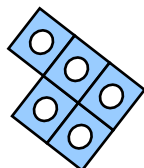
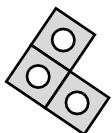
How can you tell if a multi-digit number is even or odd?



A multi-digit number is even if the number in the ones place is even. It is odd if the number in the ones place is odd.



Malachi says that when he adds two odd numbers together, his total will be even.

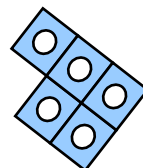
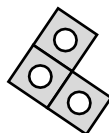


Is he correct?  
Convince me.

What else can you find out?



Malachi says that when he adds two odd numbers together, his total will be even.

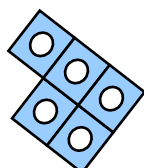
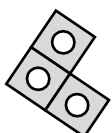


Is he correct?  
Convince me.

What else can you find out?



Malachi says that when he adds two odd numbers together, his total will be even.

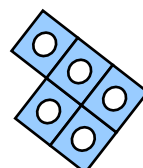
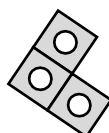


Is he correct?  
Convince me.

What else can you find out?



Malachi says that when he adds two odd numbers together, his total will be even.



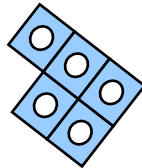
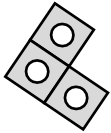
Is he correct?  
Convince me.

What else can you find out?



### Answers

Malachi says that when he adds two odd numbers together, his total will be even.



Is he correct?  
Convince me.

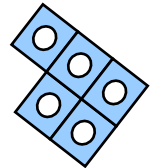
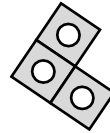
What else can you find out?

Malachi is correct because two odd numbers will always make an even total.  
Children can use manipulatives to show this.



### Answers

Malachi says that when he adds two odd numbers together, his total will be even.



Is he correct?  
Convince me.

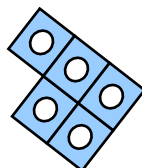
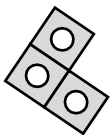
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### Answers

Malachi says that when he adds two odd numbers together, his total will be even.



Is he correct?  
Convince me.

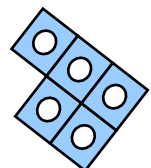
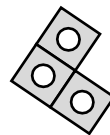
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Children can use manipulatives to show this.



### Answers

Malachi says that when he adds two odd numbers together, his total will be even.



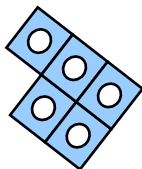
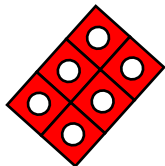
Is he correct?  
Convince me.

What else can you find out?

Malachi is correct because two odd numbers will always make an even total.  
Children can use manipulatives to show this.



Malachi says that when he adds an odd and even number together, his total will be even.

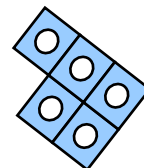
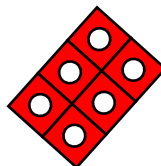


Is he correct?  
Convince me.

What else can you find out?



Malachi says that when he adds an odd and even number together, his total will be even.

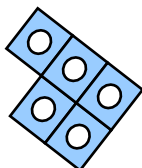
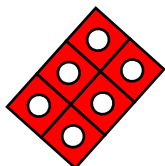


Is he correct?  
Convince me.

What else can you find out?



Malachi says that when he adds an odd and even number together, his total will be even.

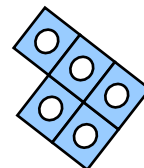
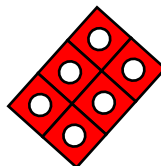


Is he correct?  
Convince me.

What else can you find out?



Malachi says that when he adds an odd and even number together, his total will be even.



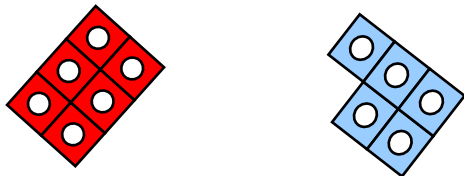
Is he correct?  
Convince me.

What else can you find out?



### Answers

Malachi says that when he adds an odd and even number together, his total will be even.



Is he correct?  
Convince me.

What else can you find out?

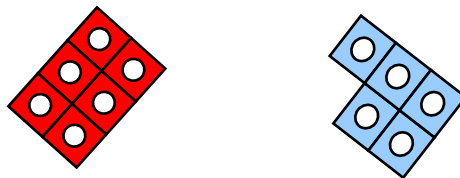
Malachi is incorrect because an odd number and even number will always make an odd total.

Children can use manipulatives to show this.



### Answers

Malachi says that when he adds an odd and even number together, his total will be even.



Is he correct?  
Convince me.

What else can you find out?

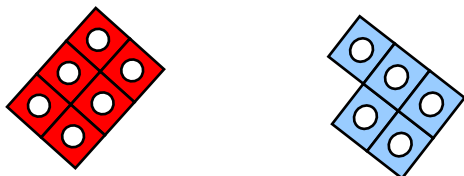
Malachi is incorrect because an odd number and even number will always make an odd total.

Children can use manipulatives to show this.



### Answers

Malachi says that when he adds an odd and even number together, his total will be even.



Is he correct?  
Convince me.

What else can you find out?

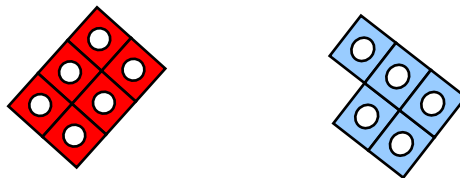
Malachi is incorrect because an odd number and even number will always make an odd total.

Children can use manipulatives to show this.



### Answers

Malachi says that when he adds an odd and even number together, his total will be even.



Is he correct?  
Convince me.

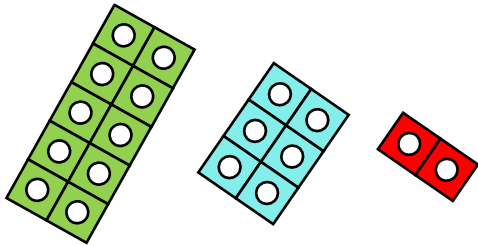
What else can you find out?

Malachi is incorrect because an odd number and even number will always make an odd total.

Children can use manipulatives to show this.



Malachi says that when he adds three even numbers together, his total will be odd because three is an odd number.

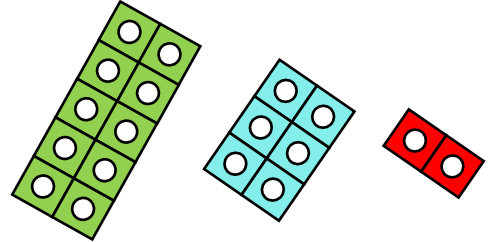


Is he correct?  
Convince me.

What else can you find out?



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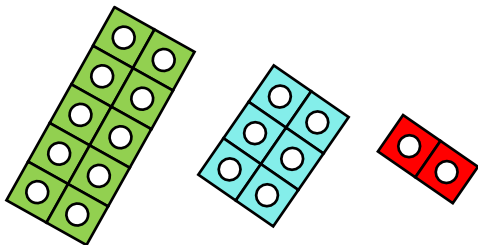


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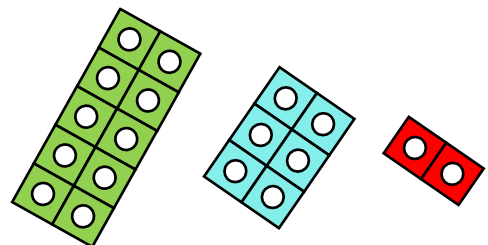


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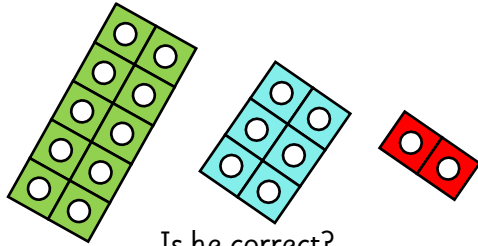
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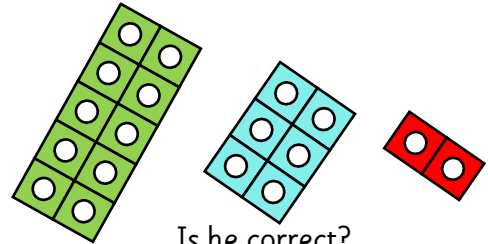
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Malachi is incorrect because three even numbers will always make an even total. Children can use manipulatives to show this.



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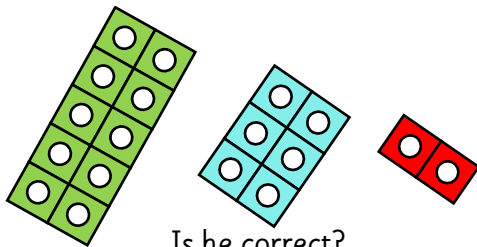
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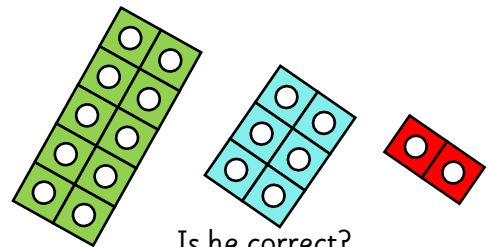
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