

Odd

and

Even



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# Aim

To understand  
what an odd  
number is.

To understand  
what an even  
number is.



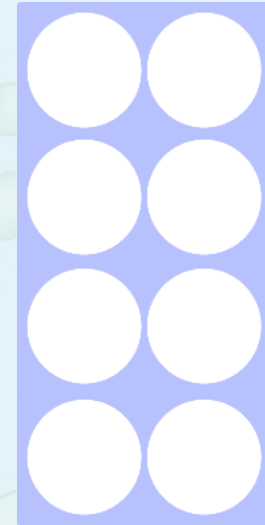
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# What Is An Even Number?

Even numbers are numbers which can be laid out in **pairs**. You can count up in 2s and the numbers will always be even, because you are always adding another pair.



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interesting fact!

Even numbers are in the 2 times table.



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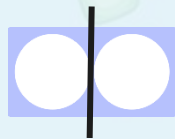
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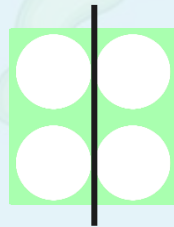
# What Is An Even Number?

Even numbers can also be shared equally between two. They can be halved, with no remainders or anything left over.

0



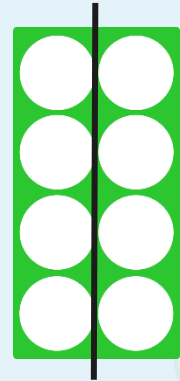
2



4



6



8

Half of 0 is 0.    Half of 2 is 1.    Half of 4 is 2.    Half of 6 is 3.    Half of 8 is 4.



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# What Is An Even Number?

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



# What Is An Even Number?

Even numbers can be small or they can be very big.

If a number ends in a **0**, **2**, **4**, **6** or **8**, it is an even number.

**14**

**20**

**36**

**100**

**252**

**112**

**18**



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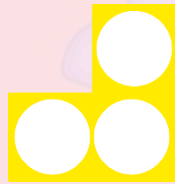
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# What Is An Odd Number?

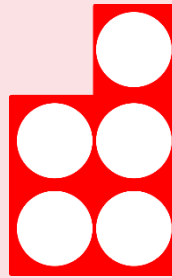
Odd numbers are different.  
They are never in the 2 times table.  
(They might be in other times tables, however!)



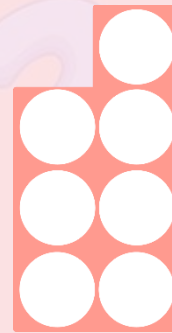
1



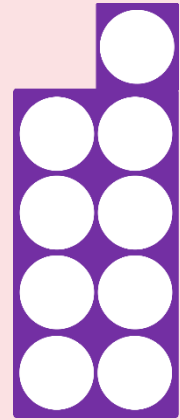
3



5



7



9

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There is always an odd one out.



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# What Is An Odd Number?

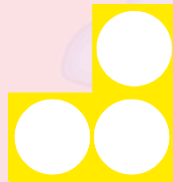
They can't be halved.

They can't be shared equally between two.

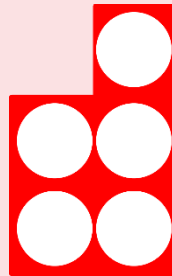
There is always an odd one left over.



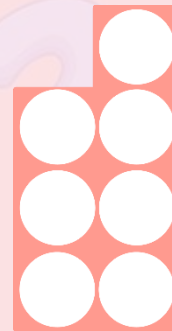
1



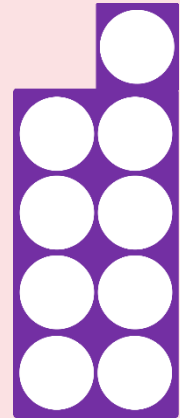
3



5



7



9

**Click for  
interesting fact!**

You can't share an odd number equally between two!



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# What Is An Odd Number?

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



# What Is An Odd Number?

Like even numbers, odd numbers can be small or they can be very big. If a number ends in a **1, 3, 5, 7** or **9**, it is an odd number.

**11**

**23**

**39**

**99**

**109**

**117**

**225**

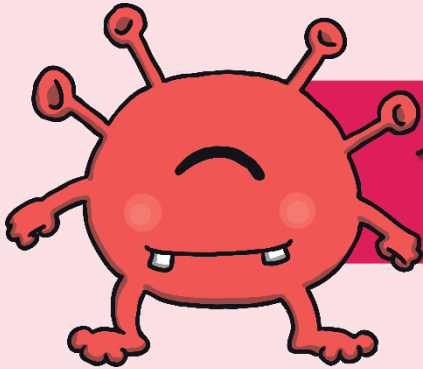


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# Number Cruncher Poems



1 3 5 7 9

I'm a number cruncher and my name is Todd,  
I like numbers that are odd,  
All these numbers taste just fine,  
If they end in 1, 3, 5, 7, or 9!



0 2 4 6 8

I'm a number cruncher and my name is Steven,  
I like numbers that are even,  
All these numbers taste just great,  
If they end in 0, 2, 4, 6, or 8!



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# Can You Sort These Numbers?

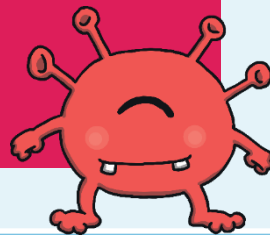
When your teacher says a number, put it in either the **odd** or **even** column. Click on the numbers to reveal the answers!

**7 1 15 3 4 20 6 13 11 9**

**5 16 19 10 12 18 2 17 8 14**

**Odd**

**Even**



# Think About It

**Question:** If you add an even number and an even number together, what type of number do you get?

**Answer:** You always get an even number.

**Question:** If you add an odd number and an odd number together, what type of number do you get?

**Answer:** You always get an even number.

**Question:** If you add an odd number and an even number, what do you get?

**Answer:** You always get an odd number.





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