

Student's Book p.9

## Look Back



How many pencils and erasers are there?

*There are 16 pencils and 13 erasers.*

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Ron wants to put the pencils and erasers into 2 equal groups.

Can Ron put the **pencils** into 2 equal groups?      **yes**

Can Ron put the **erasers** into 2 equal groups?      **no**

## Thinking Cap



Caz has 116 pencils and 113 erasers. She wants to put the pencils and erasers into 2 equal groups. What do you notice about the difference between numbers like 116 and 113?

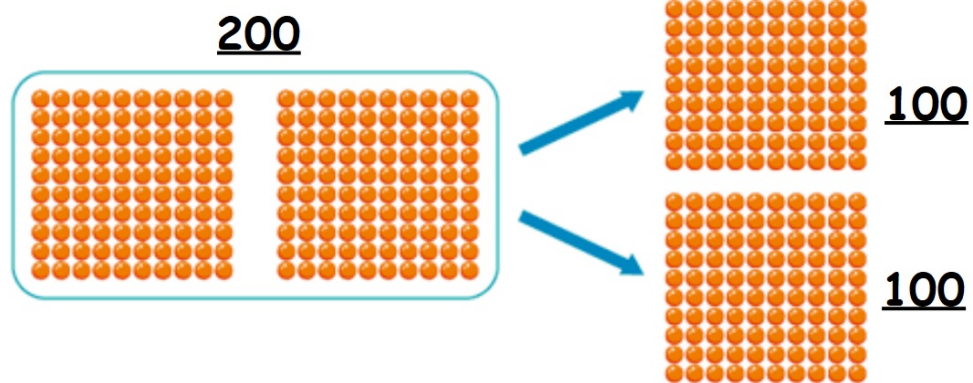


The digit in the ones place determines if the number is an odd number or an even number.

The number **116** is an **even** number but the number in **113** is an **odd** number.

We can put 116 into 2 groups equally but we cannot put 113 into 2 groups equally.

(a) Even Numbers



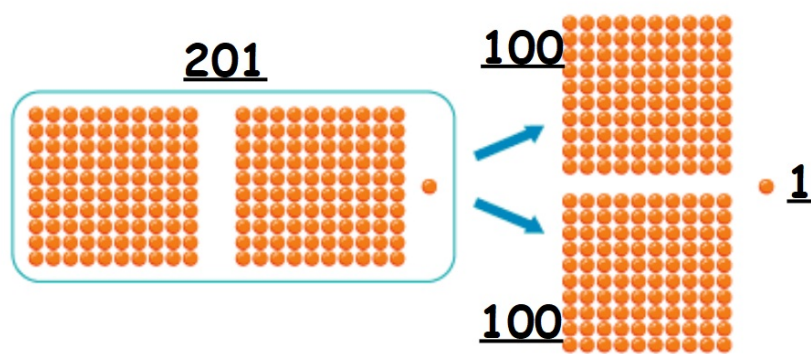
200 beads can be divided into 2 groups of 100 beads.

A number that can be divided by 2 is called an even number.

If the digit in the ones place of a number is **0, 2, 4, 6 or 8**,  
the number is an **even number**.

So, 200 is an **even** number and so is 678.

(b) Odd Numbers



201 beads can be divided into 2 groups of 100 beads with 1 bead left.

A number that cannot be divided by 2 is called an odd number.

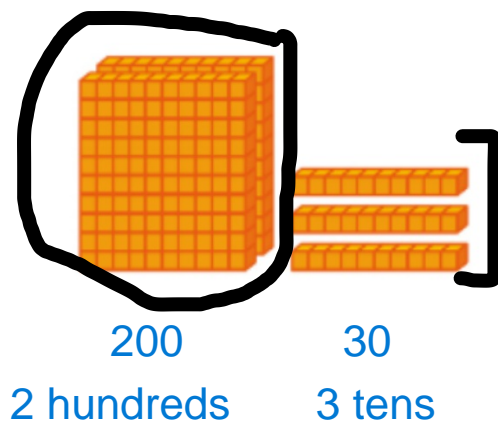
If the digit in the ones place of a number is 1, 3, 5, 7 or 9, the number is an odd number.

So, 201 is an odd number and so is 763.

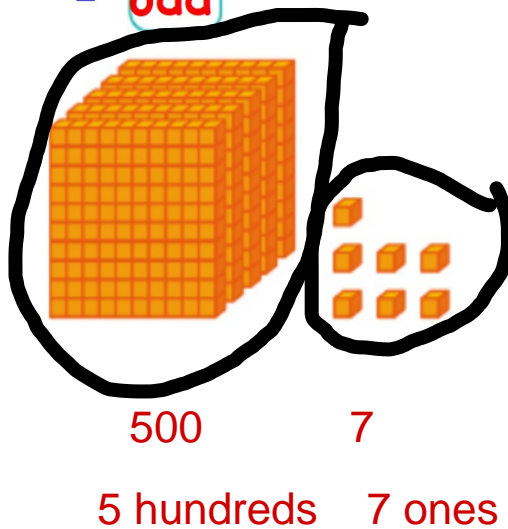
## Let's Practise

I Write **even** or **odd** in the boxes.

a 230 **even**



b 507 **odd**







2 Sort the numbers from 123 to 155.

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Even numbers	Odd numbers
124, 126, 128, 130, 132	123, 125, 127, 129, 131
134, 136, 138, 140, 142	133, 135, 137, 139, 141
144, 146, 148, 150, 152	143, 145, 147, 149, 151
154	153, 155

Say what is different between even and odd numbers.

123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134,  
135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146,  
147, 148, 149, 150, 151, 152, 153, 154, 155

Even numbers end with 0, 2, 4, 6, 8.

Odd numbers end with 1, 3, 5, 7, 9

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3 List all the even numbers from 850 to 867.

850 , 852 , 854 , 856 , 858 , 860  
862 , 864 , 866

850

~~851~~

852

~~853~~

854

~~855~~

856

~~857~~

858

~~859~~

860

~~861~~

862

~~863~~

864

~~865~~

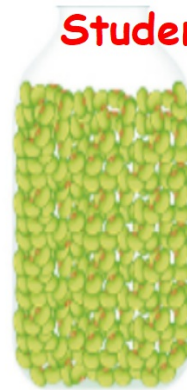
866

~~867~~

- 4 Emil has 480 beans. Amelia has more beans than Emil.

The number of beans that Amelia has is the 6th even  
number after the number of beans that Emil has.

How many beans does Amelia have?



480, 481, 482, 483, 484, 485, 486, 487, 488, 489,  
490, 491, 492, 493, 494, 495, 496, 497, 498, 499,  
500

6th even number after 480

Amelia has 492 beans.