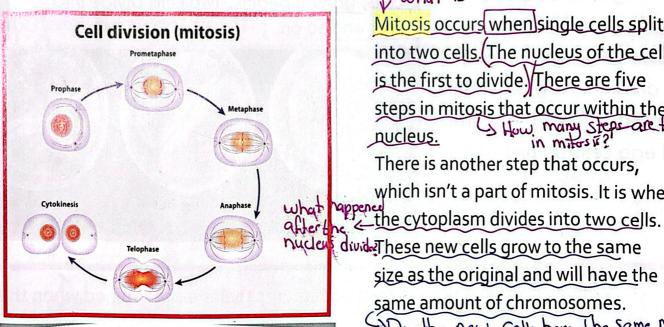
## How Do Cells Divide?

Mitosis meiasi s

There are two ways that cells can divide: meiosis or mitosis.



size as the original and will have the same amount of chromosomes. Mitosis Sex cells are formed through meiosis.

When the two cells become joined, the new cell will have a complete set of chromosomes.

Body cells have twice as many cells as

sperm and egg cells. The cells join during

sexual reproduction to form a new cell.

On the New Cells have the same number chamosome and size 2 yes Meiosis

Think about it!

L what is mitosis?

nucleus.

Mitosis occurs when single cells split

into two cells. The nucleus of the cell

steps in mitosis that occur within the

which isn't a part of mitosis. It is when

4 How many steps are there in mitors is?

is the first to divide. There are five

There is another step that occurs,

91:- 46 chromsomes do humans have? Research it! How many chromosomes do sex cells have? 23 chromosomes



* How it	mitosis dil-feren	nt from meiosis?
	IU.1 1	M. s. etc
	Mitosis	Meiosis.
number of cell	two identical	four cells.
produce.	Cells	10011 00110
	the daughter colls	the daughter cells
Dumber of Chromosomes	Same have the	have a half
Chlomozomes	Same a mount of chromosomes	number of Chromosomes.
	O. SINGINGSIVE	Chronical
	_	
<b>→15</b> )		
3		



## **What Are Traits?**

Charac ferisfics
A combination of traits that we inherit from our parents determines the way we look. There are many traits that include skin color, eye color, height, the shape of our faces, hair color, and so much more. Animals can also inherit traits.





The softness and color of the fur of these kittens were inherited from their parents. There are genetic differences to their parents, which is why the kittens have differences.





Genetic differences occur because of meiosis. An organism gets only half of its genes from each parent. The organism is not identical to either parent. Every offspring receives a different set of genes, unless they are identical twins.

