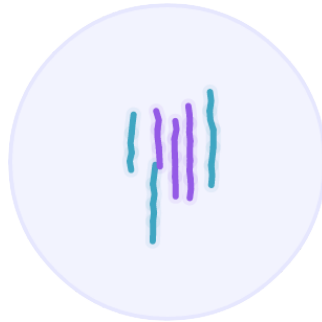


Case 2\_Assessment

1. What is the name of the process of cell division that creates egg and sperm cells?

\_\_\_\_\_

2. This is a drake cell that will divide to become egg cells.



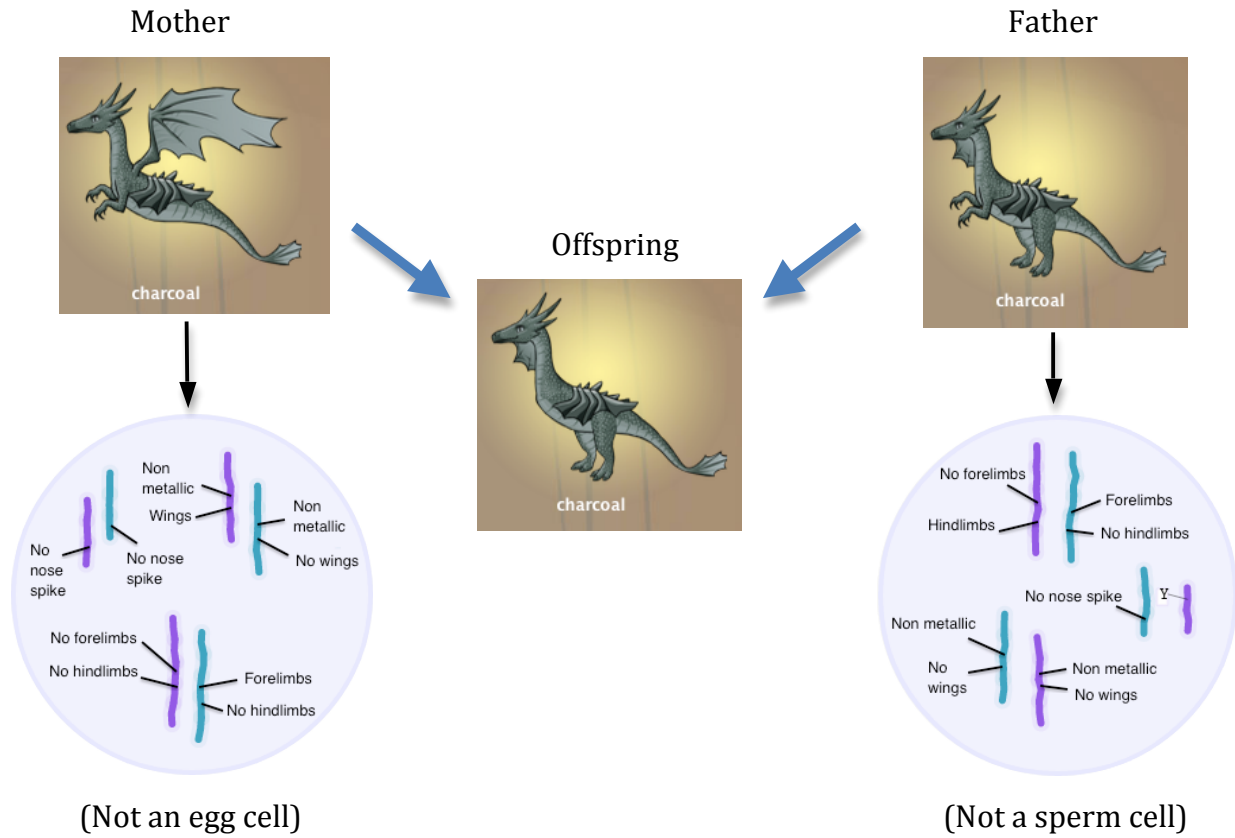
How many egg cells will this one cell make? \_\_\_\_\_

How many chromosomes will be in each of the egg cells? \_\_\_\_\_

3. Human cells have 46 chromosomes. How many chromosomes would each egg cell or sperm cell have? \_\_\_\_\_

Case 2\_Assessment

4. Below are two parent drakes. You can see which version of each trait they have and you can see their labeled chromosomes in a cell before meiosis.



**In the space below, draw and label an egg cell and a sperm cell that would come from the parents above and that would undergo fertilization to produce the offspring shown.**