

# Amoeba Sisters Mitosis: The Amazing Cell Process that Uses Division to Multiply

Name: \_\_\_\_\_

Block: \_\_\_\_\_

1) Mitosis is a type of \_\_\_\_\_ done by \_\_\_\_\_  
\_\_\_\_\_

2) It is important for your cells to divide otherwise \_\_\_\_\_  
You can not grow if \_\_\_\_\_

3) Mitosis is also great for \_\_\_\_\_ such as ( 2 things )  
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4) Mitosis is not a \_\_\_\_\_

5) Meiosis makes ( 2 things ) ( quick drawing )  
-  
-

6) The goal of mitosis is to (2 things)  
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-

7) Cells do not divide all the time. If they did then \_\_\_\_\_  
\_\_\_\_\_

8) Cancer is \_\_\_\_\_

9) Cells spend most of their time in \_\_\_\_\_ which is where they ( 3 things )  
( quick drawing )  
-  
-  
-

10) All cells have a \_\_\_\_\_ which \_\_\_\_\_

\_\_\_\_\_

11) DNA can be organized into \_\_\_\_\_ called \_\_\_\_\_

12) \_\_\_\_\_ are made of \_\_\_\_\_ and \_\_\_\_\_

13) The number of chromosomes in a human cell is \_\_\_\_\_

14) During \_\_\_\_\_ the \_\_\_\_\_

are \_\_\_\_\_ before \_\_\_\_\_ starts

15) We count \_\_\_\_\_ by the number of \_\_\_\_\_

present which are (definition) \_\_\_\_\_

\_\_\_\_\_

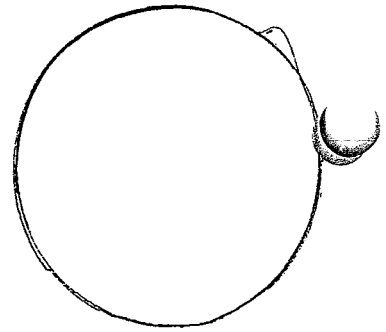
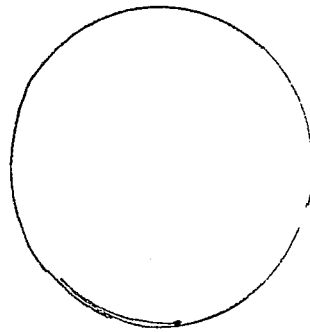
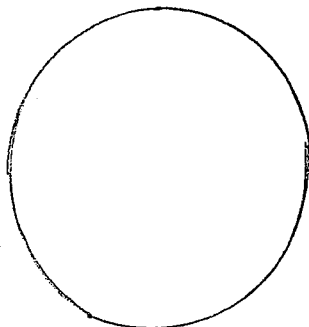
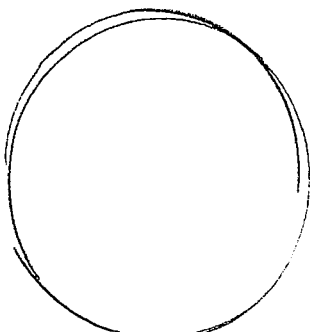
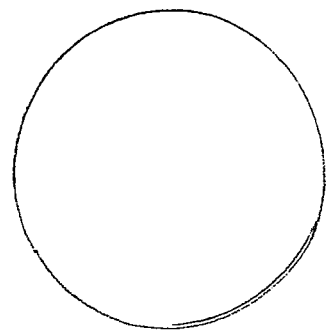
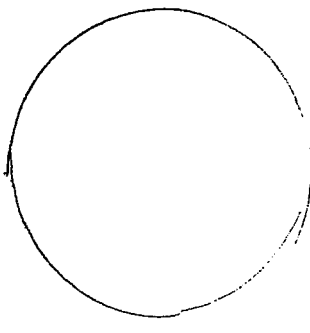
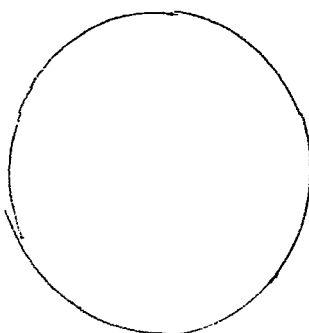
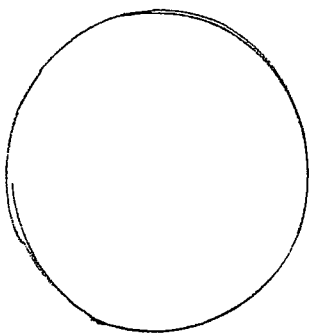
16) When chromosomes replicate during \_\_\_\_\_ the

following diagram illustrates:

(drawing before)

(drawing after)

### 17) Mitosis Stages Of Division



18) Prophase means \_\_\_\_\_

Main characteristic \_\_\_\_\_

( drawing )

( key points / characteristics )

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19) Metaphase means \_\_\_\_\_

Main characteristic \_\_\_\_\_

( drawing )

( key points / characteristics )

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20) Anaphase means \_\_\_\_\_

Main characteristic \_\_\_\_\_

( drawing )

( key points / characteristics )

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21) Telophase means \_\_\_\_\_

Main characteristic \_\_\_\_\_

( drawing )

(key points / characteristics )

22) Cytokinesis is responsible for \_\_\_\_\_

\_\_\_\_\_ .It splits the \_\_\_\_\_

23) Two key important effects of \_\_\_\_\_ are ( 2 things )