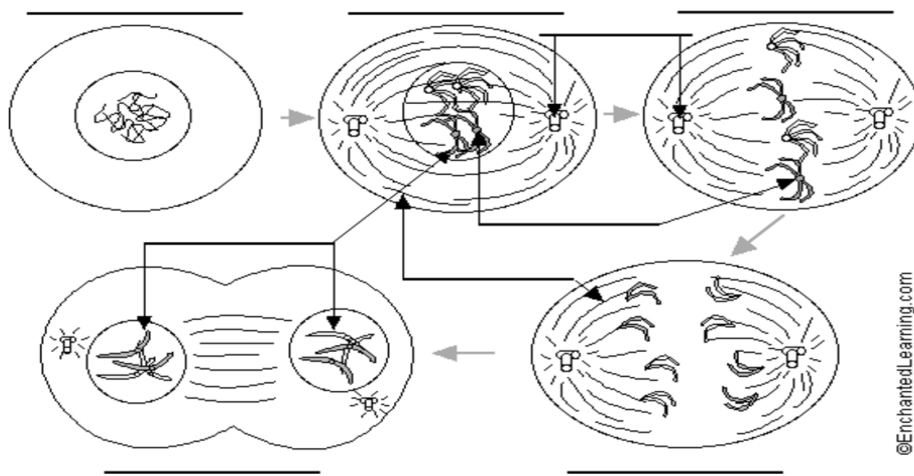


Name: \_\_\_\_\_

Student #: \_\_\_\_\_

**1.2 Mitosis and asexual reproduction require one parent**  
**1.2.1 Mitosis**

1. Label the following diagram of mitosis of an animal cell.



2. During which stage of a cell's cycle do the replicated chromosomes thicken and become visible? \_\_\_\_\_
3. In animal cells, which structure is thought to produce the spindle fibers that help separate the sister chromatids during anaphase? \_\_\_\_\_
4. Is this structure found in plant cells? \_\_\_\_\_