

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

Date: \_\_\_\_\_

# Cell Cycle and Mitosis

1. spindle fibers and aster rays form **PRO**
2. cell is growing **INTER - G1/G2**
3. phase that takes the majority of the time in the cell cycle  
**INTER**
4. centrosomes send out spindle fibers **PRO**
5. DNA replicates **INTER - "S"**
6. nuclear membrane disappears **PRO**
7. cytokinesis occurs **TELO**
8. centromere breaks and chromos 'walk' to the poles **ANA**
9. cleavage (cell) furrow develops **TELO**
10. nuclear membrane and nucleolus reform **TELO**
11. cytoplasm divides the parent cell into two daughter cells **TELO**  
**CYTOKINESIS**
12. chromatids are formed **INTER - S**
13. (two answers) cell contains DNA as chromatin (aka long and thin) **INTER & TELO**
14. cell contains two sets (or double the amount) of DNA moving to poles **ANA**
15. chromatids lie on either side of the 'equator' **META**