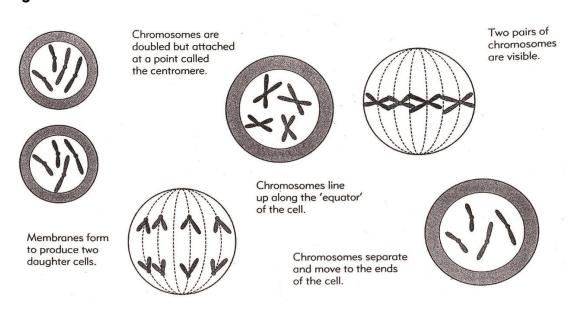
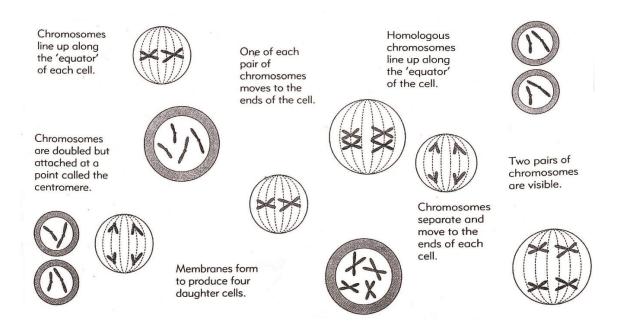
MITOSIS: Cut out the <u>diagrams</u> of mitosis and paste them in correct order. <u>Draw an arrow</u> from one stage to the next. Cut out the <u>descriptions</u> of mitosis and paste them below the correct diagrams. Write the <u>name of the stage</u> above each diagram.



MEIOSIS: Cut out the <u>diagrams</u> of meiosis and paste them in correct order. <u>Draw an arrow</u> from one stage to the next. Cut out the <u>descriptions</u> of meiosis and paste them below the correct diagrams. Write the <u>name of the stage</u> above each diagram.



SBI3U: QUESTIONS FOR MITOSIS + MEIOSIS CUT-AND-PASTE

| MITOS | SIS |
|------------|---|
| 1. | Identify 4 parts of the body in which mitosis occurs: |
| 2. | How many daughter cells are produced by one parent cell? |
| 3. | How similar are daughter cells to each other and to the original parent cell? |
| 4. | If a parent cell begins with 46 chromosomes, how many chromosomes will there be in a daughter cell? |
| 5 . | Are the daughter cells produced haploid or diploid? |
| 6. | In which stage to chromosomes line up alone the equator of the cell? |
| 7 . | In which stage are the chromosomes pulled apart? |
| 8. | In which stage do the chromosomes first APPEAR to be doubled or replicated? |
| 9. | What term is given to each chromosome in a doubled or replicated pair? |
| 10. | What structures pull the chromosomes apart? |
| 11. | What part of the cell produces the structures in #9? |
| 12. | What occurs during Telophase? |
| 13. | What is the purpose of mitosis in a(n): a) multicellular organism? |
| | |
| | b) unicellular organism? |
| | |
| MEIOS | |
| 1. | Where in the body does meiosis occur in a human: |
| _ | Male? Female? |
| 2. | What kind of cells are produced by meiosis in a human: |
| | Male? Female? In general, these sex cells are called |
| 3. | How many cells are produced by one parent cell? |
| 4. | Are daughter cells produced by meiosis identical to each other and to the original parent cell? |
| 5 . | If a parent cell begins with 46 chromosomes, how many chromosomes will |
| _ | there be in a daughter cell? |
| 6 . | Is meiosis needed for asexual or sexual reproduction? |
| 7. | When chromosomes are doubled, they remain attached. What structure holds them together? |
| 8. | When a human sperm and egg unite to produce a fertilized egg, how many |
| _ | chromosomes does the fertilized egg have? |
| 9. | Are daughter cells haploid or diploid? |
| 10. | Define the term homologous pair: |