

## WS 7-3: Human Genetic Disorders

Name \_\_\_\_\_ Key \_\_\_\_\_

On the line provided, write the letter of the term from the list that matches each description. Some can be used once, more than once, or not at all.

- |   |                       |
|---|-----------------------|
| ___ <b>C</b> ___ 1. disorder that causes a rapid breakdown of the nervous system beginning at age 2 or 3          | a. albinism           |
| ___ <b>F</b> ___ 2. process that takes place when a c'some pair fail to separate correctly during meiosis         | b. cystic fibrosis    |
| ___ <b>H</b> ___ 3. form of trisomy in which there is an extra copy of c'some 21                                  | c. Tay-Sachs disease  |
| ___ <b>A</b> ___ 4. disorder that results in lack of pigment in hair or skin                                      | d. phenylketonuria    |
| ___ <b>B</b> ___ 5. disorder caused by a recessive allele on c'some 7 that results in fluid buildup in the lungs  | e. Huntington disease |
| ___ <b>G</b> ___ 6. Condition that exists when an individual is born with cells that contain 3 copies of a c'some | f. nondisjunction     |
| ___ <b>D</b> ___ 7. genetic disorder known as PKU, for which newborn infants in PA are tested                     | g. trisomy            |
| ___ <b>K</b> ___ 8. process that occurs during meiosis when pieces of c'somes break off and are lost              | h. Down syndrome      |
| ___ <b>E</b> ___ 9. disorder for which symptoms typically don't appear until late 30s or 40s                      | i. neurofibromatosis  |
| ___ <b>C</b> ___ 10. nervous system disorder that is most prevalent in Jewish and French Canadian populations     | j. fragile-X syndrome |
| ___ <b>D</b> ___ 11. metabolic disease that if untreated can damage the nervous system                            | k. deletion           |
| ___ <b>I</b> ___ 12. disease in which a skin spots may develop into tumors  |                       |
| ___ <b>J</b> ___ 13. disease that occurs mostly in males; when part of the X c'come may be deleted                |                       |