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.

___**C**___1. disorder that causes a rapid breakdown of the nervous system beginning at age 2 or 3

___**F**___2. process that takes place when a c'some pair fail to separate correctly during meiosis

___**H**___3. form of trisomy in which there is an extra copy of c'some 21

___**A**___4. disorder that results in lack of pigment in hair or skin

___**B**___5. disorder caused by a recessive allele on c'some 7 that results in fluid buildup in the lungs

___**G**___6. Condition that exists when an individual is born with cells that contain 3 copies of a c'some

___**D**___7. genetic disorder known as PKU, for which newborn infants in PA are tested

___**K**___8. process that occurs during meiosis when pieces of c'somes break off and are lost

___**E**___9. disorder for which symptoms typically don't appear until late 30s or 40s

___**C**___10. nervous system disorder that is most prevalent in Jewish and French Canadian populations

___**D**___11. metabolic disease that if untreated can damage the nervous system

___**I**___12. disease in which a skin spots may develop into tumors

___**J**___13. disease that occurs mostly in males; when part of the X c'come may be deleted

a. albinism

b. cystic fibrosis

c. Tay-Sachs disease

d. phenylketonuria

e. Huntington disease

f. nondisjunction

g. trisomy

h. Down syndrome

i. neurofibromatosis

j. fragile-X syndrome

k. deletion