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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Birth Defects and Hereditary Influences

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1D |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  U |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2C |  |  |  C |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  L |  |  |  H |  |  |  |  |  |  |
|  |  |  |  |  |  | 3H |  U |  N |  T |  I |  N |  G |  T |  O |  N |  S |  D |  I |  S |  E |  A |  S |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  F |  |  |  N |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4T |  W |  I |  N |  T |  O |  T |  W |  I |  N |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 5T |  | 6C |  |  |  |  |  |  |  |  |  L |  |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  O |  |  Y |  |  |  |  | 7D |  |  |  |  I |  |  |  M |  |  |  |  |  |  |
|  |  |  |  |  |  | 8S |  |  |  X |  |  S |  |  |  |  |  O |  |  |  |  P |  |  |  U |  |  |  |  |  |  |
|  |  |  |  |  |  |  I |  |  |  O |  |  T |  |  | 9H |  |  W |  |  |  |  / |  |  |  S |  |  |  |  |  |  |
|  |  |  |  |  |  |  C |  |  |  P |  |  I |  |  |  E |  |  N |  |  |  |  C |  |  |  C |  |  |  |  |  |  |
|  |  |  |  |  | 10P |  K |  U |  |  L |  |  C |  |  |  M |  |  S |  |  |  |  L |  |  |  U |  |  |  |  |  |  |
|  |  |  |  |  |  |  L |  |  |  A |  |  F |  |  |  O |  |  Y |  |  |  |  E |  |  |  L |  |  |  |  |  |  |
|  |  |  |  |  |  |  E |  |  |  S |  |  I |  | 11S |  P |  I |  N |  A |  B |  I |  F |  I |  D |  A |  |  |  |  |  |  |
|  |  |  |  |  |  |  C |  |  |  M |  |  B |  |  |  H |  |  D |  |  |  |  T |  |  |  R |  |  |  |  |  |  |
|  |  |  |  |  |  |  E |  |  |  O |  |  R |  |  |  I |  |  R |  |  |  |  P |  |  |  D |  |  |  |  |  |  |
|  |  |  |  |  |  |  L |  |  |  S |  |  O |  |  |  L |  |  O |  |  |  |  A |  |  |  Y |  |  |  |  |  |  |
|  |  |  |  |  |  |  L |  |  |  I |  |  S |  |  |  I |  |  M |  |  |  |  L |  |  |  S |  |  |  |  |  |  |
|  |  | 12T |  A |  Y |  S |  A |  C |  H |  S |  D |  I |  S |  E |  A |  S |  E |  |  |  |  A |  |  |  T |  |  |  |  |  |  |
|  |  |  |  |  |  |  N |  |  |  |  |  S |  |  |  |  |  |  |  |  |  T |  |  |  R |  |  |  |  |  |  |
|  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  O |  |  |  |  |  |  |
|  |  |  |  |  |  |  M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  P |  |  |  |  |  |  |
|  |  |  |  |  |  |  I |  |  |  |  |  |  |  |  | 13H |  Y |  D |  R |  O |  C |  E |  P |  H |  A |  L |  U |  S |  |  |
|  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  Y |  |  |  |  |  |  |

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| **Across****3.** manifests in adulthood; leads to dementia.**4.** result of one twin taking nourishment from the other twin (fertility drugs).**10.** a condition in which the body is unable to process and use a specific protein that is present in nearly all foods.**11.** a congenital condition in which part of the spinal cord or meninges protrudes through a cleft in the spinal column.**12.** an inherited disease most common among eastern European families of Jewish descent.**13.** an increase of cerebro-spinal fluid around the brain, resulting in an enlargement of the skull, the fluid can be drained into the abdominal cavity. | **Down****1.** transmitted by female carriers, usually affects males only.**2.** gap in upper lip or palate; caused by hereditary or environmental or both.**5.** infection caused by a parasite.**6.** caused by inheritance of recessive genes, more likely to affect Caucasians than African or Asian-Americans.**7.** associated with mental retardation, increased risk of heart defects, leukemia, poor muscle tone, and distinctive physical characteristics.**8.** malformed red blood cells that deprive the body of oxygen and prevalent in African Americans.**9.** passed on from mothers to sons only; prevents blood from clotting. |

   Cystic Fibrosis       Tay-Sachs Disease       Hemophilia       Sickle Cell Anemia       Twin-to-Twin       Huntington's Disease       PKU       Cleft Lip/Cleft Palate       Hydrocephalus       Duchenne Muscular Dystrophy       Spina Bifida       Down Syndrome       Toxoplasmosis