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

Birth Defects and Hereditary Influences

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