**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**VACCINES: Calling the Shots**

**Before we watch the DVD, predict whether each statement is TRUE or FALSE in the prediction column. As we watch, conclude whether the statement is actually TRUE or FALSE.**

|  |  |  |
| --- | --- | --- |
| Prediction | Actual |  |
|  |  | 1. Approximately **70% of parents** choose to vaccinate their children. |
|  |  | 2. Vaccines **can wear off** after a few years, so some require **booster shots** to provide the appropriate immunity. |
|  |  | 3. Approximately **50% of people** exposed to measles that are not immune actually get sick from the virus. |
|  |  | 4. Families can claim **religious exemption** to avoid having their children get the required vaccinations to attend school. |
|  |  | 5. In the 1500s **1 in 10** children died before the age of 5. |
|  |  | 6. Vaccines got their name from the word for **sheep**. |
|  |  | 7. Vaccines contain **weakened or dead parts of antigens**, making it easier for immune system to win quickly. |

**MATCHING:**

|  |  |
| --- | --- |
| 1. \_\_\_\_\_ Pertussis | 1. Causes small puss filled bumps on skin, infection of cowpox created immunity against this virus |
| 1. \_\_\_\_\_ Measles | 1. Inflammation of the lungs, lots of coughing, commonly affects infants and young children |
| 1. \_\_\_\_\_ Smallpox | 1. Causes fever and red rash on the skin, US declared free of this virus in 2000 but has returned, very infectious |
| 1. \_\_\_\_\_ Polio | 1. Affects the spinal cord leaving many infected individuals paralyzed, infection rate dropped by 99% when vaccine was introduced in 1955 |

1. **Define and provide an example of/purpose for THREE of the following terms:**

|  |  |  |  |
| --- | --- | --- | --- |
| Eradicate | Herd immunity | Immuno-compromised | Virulent |

1. **AGREE OR DISAGREE with the following statements and EXPLAIN WHY:**

The threat of contagious disease is underappreciated.

Vaccines cause autism.

Vaccination and any associated risk is better than not vaccinating at all.