Year 9 Science: Disease and immunity: pathogens, white blood cells and vaccines

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Sort into infectious or non-infectious, and name the pathogen type for the infectious ones: measles, asthma, athlete's foot, Giardia infection, type 2 diabetes.

2. Why will a doctor not give antibiotics for a cold?

3. Explain why someone who had chickenpox as a child usually does not get sick from it again.

4. School absences from flu over four days were 4, 8, 15 and 31. Describe the pattern, predict day 5, and suggest one measure to slow it.

5. Boot-cleaning stations stand at track entrances in the Waitākere Ranges. Which prevention strategy is this, and which spread route does it block?

Fix the mistake

6. Correct this statement: "Antibiotics will cure a cold or the flu."

7. Correct this statement: "A vaccine gives you a mild case of the disease."

8. Correct this statement: "You do not catch chickenpox twice because the antibodies stay in your blood forever."

9. Correct this statement: "You can catch asthma or type 2 diabetes from someone who has it."