Holiday Hypothesis & Variable Practice   Name_____

For each problem or question:
1. Write a possible hypothesis for each scenario. Use an "If… Then…" statement.
2. Underline the <u>independent variable once</u>, and the <u>dependent variable twice</u>.

1. Does feeding reindeer candy canes help them fly faster?

2. Does placing a hat and scarf on a snowman make it melt slower?

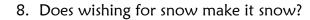3. Does polishing my snowboard help me to go faster down a hill?

4. In freezing weather, does sticking your tongue to a metal pole make it stick?

5. If the most popular toy gift is a skateboard, will there be more children visiting the emergency room than usual?

6. Does throwing a snowball at my teacher cause me to have more homework?

7. Does a very snowy winter make pine trees grow less pine cones?

8. Does wishing for snow make it snow?

9. Does reindeer antler size affect the distance they can fly?

10. Can a very large man fit down an average chimney?

11. Does watching an ad for a toy cause a child to ask for it as a gift?

12. Can the average house roof support the weight of 8 reindeer?

13. "Bumbles" are abominable snow monsters. Do they bounce if they fall off a cliff?

14. If you pay elves more money, will they make toys faster?

15. Does knowing that students are reading instead of playing video games over winter break make a teacher happy?