CORNELL NOTES: _____

Source: _____**Holt Textbook Pages** _____

Question	Answer
1. What is a **FORCE** ?	
2. What 2 properties do all forces have?	1. 2.
3. What is the metric UNIT for force? Give the name, symbol, and 2 force examples (using info. from question 2).	
4. What is **NET FORCE** ?	
5. How do you calculate the net force for forces in the same direction? * Draw a model w/ units as an example.	
6. How do you calculate the net force for forces in different directions? * Draw a model w/ units as an example.	
7. What does net force tell you about the object's motion?	
8. What do **BALANCED FORCES** produce?	
9. What will the net force be when forces are balanced?	
10. What are two examples of balanced forces acting on an object?	1. 2.
11. What do **UNBALANCED FORCES** produce?	

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12. What will the net force be if forces are unbalanced?		
13. Provide two examples of unbalanced forces causing a change in velocity?	1. 2.	
14. What 3 things can happen to the velocity of an object when unbalanced forces are acting on it?	1. 2. 3.	
15. When calculating Net Force, why must you know the direction of the forces acting on the object?		
16. How many Newtons do you weigh? See Mr. B to find out		
17. Find 2 different static objects in the classroom, draw their basic shape and provide all of the forces acting on it that are keeping it in place. Provide arrows and labels to show each force individually.	Object 1	Object 2
18. Go to page 28 or 29 and write "BIG IDEA # 4: FORCES." Next, WRITE A SUMMARY about the content from the notes, explaining how forces play a role in motion. You MUST include ALL of the LOS words and highlight each word when used in your summary.		