

Name _____

Weekly 9 Questions (Force, Matter, and Motion)

Use the weekly to answer the questions below in complete sentences, restate each answer.

1. What helps scientists make accurate predictions?

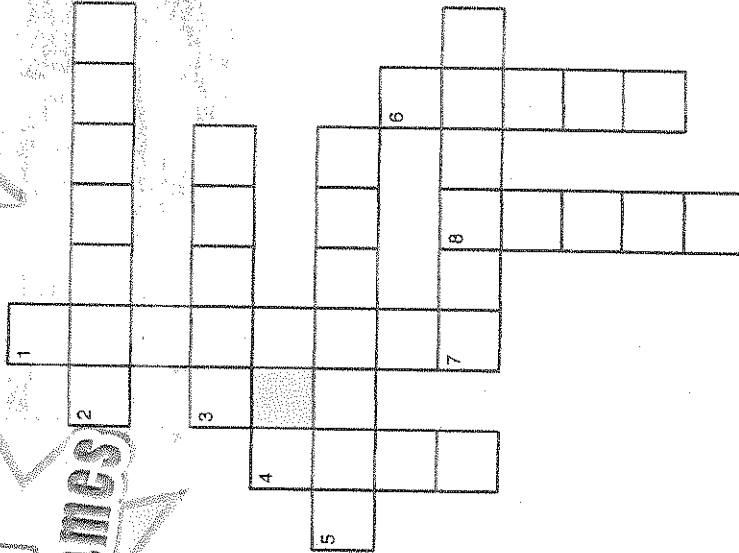
2. What happens if you kick a ball and no other force acts on it?

3. What is mass?

4. What is Newton's 3rd Law?

5. What is one basic thing a simple machine does?

Vocabulary and Word Games



For an extra challenge this week, we scrambled the words in the word list. Be sure to unscramble each word before you put it into the puzzle.

Across

2. the force that pulls objects toward each other
3. the simple machine that developed into drill bits
5. a scientist who believed that gravity made all objects fall at the same speed
7. the scientist who discovered three laws of force and motion

Down

1. a force that slows things down
4. the amount of matter in an object
6. a push or pull that causes or changes motion
8. the simple machine that led to travel by car and train



As you read this week's lesson, circle or highlight all proper nouns with any color pen or highlighter. This will help you find some of the crossword answers and get ready for this week's test.

Mini-Lab Simple Machines

Do simple machines really make your work easier? Here's an experiment that will help you decide.

What you need

- a table top
- a large book (like a big dictionary)
- 10-12 drinking straws (not the bendable ones)

Directions

1. Place the book in the middle of the table

