

Name _____

period _____

Science Skills -7

Identifying Variables

A variable is something that can change. The word vary, means to change. In every experiment there are a number of variables.

Directions: Read the following experiments and name two things that could be changed. The first one on the first two experiments is done for you.

1. Victoria wanted to test how the mass of a paper airplane affected the distance it would fly.

What could be changed?

A. _____

B. _____

2. Eriberto wanted to test a group of students to see if their speed working math problems would be different with or without calculators.

What could be changed?

A. _____

B. _____

3. Cristina wanted to test students puzzle assembly time to determine if age had any effect on how fast the students could put the puzzles together.

What could be changed?

A. _____

B. _____

4. Derrick wanted to find out if different tire treads affected the braking distance of a car.

What could be changed?

A. _____

B. _____

5. Ana wanted to find out which brand of pizza students liked the most.

What could be changed?

A. _____

B. _____

6. Jesse wanted to find out what types of metal objects he could get to float on water.

What could be changed?

A. _____

B. _____

7. Alicia wanted to find out if goldfish liked a certain type of food.

What could be changed?

A. _____

B. _____

8. Marcus wanted to find out which type of seed grew the fastest.

What could be changed?

A. _____

B. _____

9. Laura wanted to find out which brand of pencil lasted the longest.

What could be changed?

A. _____

B. _____

10. Able wanted to find out what type of chips students liked the best.

What could be changed?

A. _____

B. _____