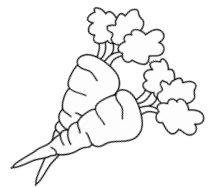


Name _____

HIGHLIGHTING VARIABLES

Directions: Read each paragraph below. Highlight the independent variable in pink, the dependent variable in yellow, and the controlled variables in green.

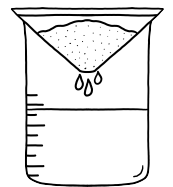
Nicholas planted five carrot seeds in each of three different milk cartons of equal size. He filled each carton to the same level with the same kind of soil. He put one carton outside in the sun, one on the counter in the classroom light, and one inside a dark closet. He gave each carton 25 ml of water each day at 11 am. He watered all three cartons every day for fifteen days and then measured how tall each plant grew.

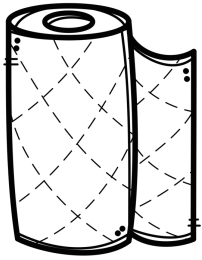


Stacey chose 2 fat free chips, baked chips, and regular potato chips all about the same size. She then crushed them each on a brown paper bag and waited 30 minutes. Then she used a ruler to measure the widest part of the grease stain for each chip and compared the results to see which was the greasiest.



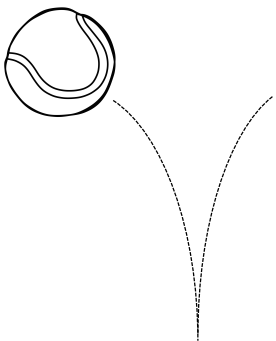
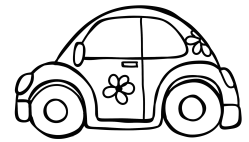
Lawrence chose three identical paper cups and poked a similar hole in the bottom of each cup. He filled each cup to the same level with different material - soil, sand, or pebbles. Then he poured 1 cup of water into each cup at a time and held it over the tray for one minute. He then measured the amount of water that drained into the tray from each cup.





Jose choose four identical paper towels and pour one tablespoon of water onto the center of each paper towel. He hung strings across four different places and clipped each paper towel to the string by one corner so it hung in the air. He hung one paper towel outside in a sunny spot, one outside in a shady spot, one inside the light, and one inside the dark. After 30 minutes, he took all four paper towels down and felt them to compare how dry each one had become.

Jessica wanted to know if a car travels farther when it's lighter or heavier. She wrapped two identical rubber bands around two identical boards to help pull the cars back and spring them forward. She measured back 5 inches and marked a line so that she could always pull the cars with the rubber bands back to that point before letting them go. She then pulled one car back to the line, one at a time, and let go of them. She then measured how far each car rolled.



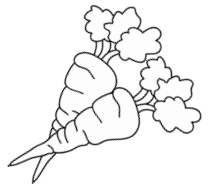
Malik stood on pavement and extended his arm out from his shoulder. He then dropped a tennis ball and measured with a meter stick how high it bounced up. He repeated this two more times. Next, Malik stood on dirt and extended his arm out from his shoulder. He dropped the same tennis ball and measured using the same meter stick how high the tennis ball bounced up. He repeated this two more times with the dirt. Finally, Malik stood on grass and repeating the exact same procedures, determined how high the ball bounced.

Name KEY

HIGHLIGHTING VARIABLES

Directions: Read each paragraph below. Highlight the independent variable in pink, the dependent variable in yellow, and the controlled variables in green.

Nicholas planted five carrot seeds in each of three different milk cartons of equal size. He filled each carton to the same level with the same kind of soil. He put one carton outside in the sun, one on the counter in the classroom light, and one inside a dark closet. He gave each carton 25 ml of water each day at 11 am. He watered all three cartons every day for fifteen days and then measured how tall each plant grew.



Stacey choose 2 fat free chips, baked chips, and regular potato chips all about the same size. She then crushed them each on a brown paper bag and waited 30 minutes. Then she used a ruler to measure the widest part of the grease stain for each chip and compared the results to see which was the greasiest.



Lawrence choose three identical paper cups and poke a similar hole in the bottom of each cup. He filled each cup to the same level with different material - soil, sand, or pebbles. Then he poured 1 cup of water into each cup at a time and held it over the tray for one minute. He then measured the amount of water that drained into the tray from each cup.

