

## Improving Traction and Reducing Friction lab report

Using both the material that provided the most traction together with the material that best reduced the friction of the sled, see how many pennies your Bess beetle can pull.

Using \_\_\_\_\_ for traction and \_\_\_\_\_ to reduce friction, I predict that my Bess beetle will be able to pull \_\_\_\_\_ pennies.

After experimenting with these optimal conditions, I found that my Bess beetle was able to pull \_\_\_\_\_ pennies.

Using \_\_\_\_\_ for traction and \_\_\_\_\_ to reduce friction, write down the number of pennies pulled by each of the Bess beetles (write them in order from lowest to highest number of pennies):

\_\_\_\_\_

What is the range of these data? \_\_\_\_\_

What is the mode of these data? \_\_\_\_\_

What is the median of these data? \_\_\_\_\_

What is the mean of these data? \_\_\_\_\_