

### Improving Bess Beetle Traction lab report

Below, predict the order in which the materials will improve your Bess beetle's traction. Place a "1" by the material that you think will be most effective in improving the Bess beetle's traction. Place a "2" by the material that will be the second most effective, etc.

Prediction	Surface Material	Actual
	Foam	
	Newspaper	
	Sandpaper	
	Paper Towel	
	Rug	
	Cloth	

Controlling all other variables, experiment with surface materials to determine which surface most effectively increases the traction of your Bess beetle. Write the order indicating most effective (1), second most effective (2), etc. in the "actual" column above.

Which surface was found by most pairs to produce the most traction? \_\_\_\_\_

Below write down the number of pennies pulled by each of the Bess beetles on this surface (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? \_\_\_\_\_