

Name: _____ Date: _____



Do objects need the same force to move them across different surfaces?
 Test this question using forcemeters and record your findings in the table below.

Which object will you be testing?
 (You have to use the same object for each surface so that it is a fair test.)

Surface	Force (newtons)

Which surfaces needed the most force to move the object?

Which surfaces needed the least force to move the object?

What does this tell you about how objects move across different surfaces?

Name: _____ **Date:** _____



Do objects need the same force to move them across different surfaces?
Plan how you will answer this question and then record your results.

How will you find the answer to this question?

How will you make sure your investigation is a fair test?

Surface	Force (newtons)

What do your results show?

What does this tell you? What is the answer to your question?

Name: _____ Date: _____



INVESTIGATE: How do different surfaces affect how much force an object needs to move across a surface?

How will you carry out your investigation?

How will you make it a fair test?

What do you predict the results will show?

Results:

Conclusion:

Name: _____ Date: _____

Which kind of surface will make a toy car travel the furthest?



Describe how you will find the answer to this question:

How will you make sure it is a fair test?

List which surfaces you will be testing and circle the one you predict will make the car travel the furthest:

Results:

What have you found out?