

NAME: _____

DATE: _____

MAGNETS



QUESTION:

WHAT OBJECTS STICK TO MAGNETS?

PREDICTION:

IN THE TABLE ON THE NEXT PAGE, LIST YOUR PREDICTIONS FOR WHAT YOU THINK WILL HAPPEN WHEN THE MAGNET GETS NEAR EACH OF THE OBJECTS.

WHY DO YOU THINK SOME OBJECTS WILL STICK TO THE MAGNET AND OTHERS WILL NOT?

PROCEDURE:

1. TEST EACH OF THE 8 OBJECTS LISTED IN THE TABLE BY BRINGING THE MAGNET CLOSE TO IT. REMEMBER TO TAKE TURNS WITH YOUR PARTNER.
2. RECORD YOUR RESULTS ON THE DATA SHEET ON THE NEXT PAGE.
3. TEST THE TWO MAGNETS WITH EACH OTHER. TRY DIFFERENT WAYS OF BRINGING THEM TOGETHER. DESCRIBE YOUR OBSERVATIONS BELOW.

RESULTS:

OBJECT ITEM TO BE TESTED	PREDICTION WHAT WILL HAPPEN?	RESULT WHAT REALLY DID HAPPEN?
ERASER	WILL STICK TO THE MAGNET	DID NOT STICK TO THE MAGNET.
NAIL		
POPSICLE STICK		
MARBLE		
RUBBER BAND		
PAPER CLIP		
ROCK		
STICK		
BOTTLE TOP		

CONCLUSIONS:

1. BASED ON YOUR RESULTS, WHAT ARE THREE CONCLUSIONS OR RULES THAT YOU CAN MAKE ABOUT MAGNETS? LIST YOUR THREE RULES BELOW.