

Name:

Date:

PROPERTIES OF MATTER

ELASTICITY

Activity 1

Let's test elasticity.

A) You need:

➤ A piece of cling film



➤ A rubber



➤ An elastic band



➤ A ruler



B) Instructions:

1. Cut a 2.5cm piece of an elastic band.
2. Try to cut the cling film and the rubber the same measurements as the piece of the elastic band.
3. Pull one of the materials from both ends. Colour the results on the table on the following page.
4. Do exactly the same with the other two materials and colour the results on the table.

C) Which is the most elastic material? _____

D) Which is the least elastic material? _____

E) Are the tested materials: solids, liquids or gases? _____

F) Could you do the same with liquids or gases? _____

G) DEFINITION: _____



Activity 1

C and D) - (*Material*) is the *least/most* elastic material.

F) - Yes, *I/we* could.
- No, *I/we* couldn't.

Name:

Date:

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| 1.00 centimetres | | | | | | |
| 0.75 centimetres | | | | | | |
| 0.50 centimetres | | | | | | |
| 0.25 centimetres | | | | | | |
| | 1 st measurement | 2 nd measurement | 1 st measurement | 2 nd measurement | 1 st measurement | 2 nd measurement |
| | CLING FILM | | RUBBER | | ELASTIC BAND | |