

# Materials and Their Properties

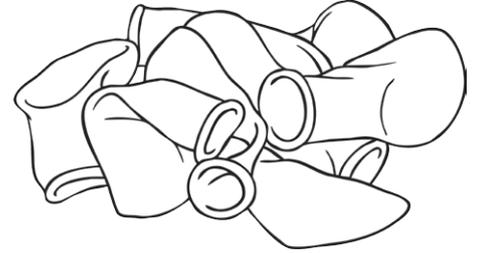
## Amazing Fact

Providing it does not break, a ball of glass will bounce higher than a rubber ball. A ball of steel the same size, would bounce higher than both the rubber and the glass balls.

## Challenge

Here are some questions about different materials.

Tick the correct answer.



1. Glass is:

- a. transparent
- b. able to block light
- c. a light source

4. Wood is:

- a. transparent
- b. natural
- c. opaque

2. Steel is:

- a. found growing on trees
- b. a metal
- c. soft

5. Plastic is:

- a. made in a factory
- b. made from seashells
- c. made in the ground

3. Rubber is:

- a. transparent
- b. always black
- c. bendy

## Challenge 2

Now write a fact about any material that you can think of.

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You could also try to find out:

- why steel and glass bounce higher than rubber;
- how you could test this for yourself;
- whether this has applications in technology.

