

Flexible or not?

Order the following materials from **most flexible** to **least**

1. Paper
2. Glass
3. Metal
4. Wood

True or false?

Which sentences are **correct**?

- | | |
|---|--|
| 1. Glass is made from sand. | 6. Steel is harder than diamond. |
| 2. All metals are magnetic. | 7. Metals are transparent. |
| 3. Pencils and diamond are made from the same material. | 8. Steel doesn't float. |
| 4. Plastics are made from oil. | 9. Spider silk is one of the strongest materials in the world. |
| 5. Metals can be used in the human body. | 10. You can melt wood. |

Higher or lower?

Is the melting point of **higher** or **lower** than aluminium?

1. Titanium
2. Steel
3. Ice
4. Glass

Biodegradable?

How long would a plastic bottle take to decompose?

- 1 year
- 10 years
- 250 years
- 450 years

When were they discovered?

Can you order these materials by the year that they were discovered?

1. Graphene
2. Steel
3. Man-made plastic
4. Structure of DNA

Stronger or weaker?

Is **stronger** or **weaker** than aluminium in tension?

1. Carbon fibres
2. Spider silk
3. Concrete
4. Human hair