

## \* 5.1. Properties of materials

A property describes what a material is like.



Rubber is **flexible** (it can be bent) but stone is **rigid** (it keeps its shape).



Plastic is **waterproof** (water cannot get through it) but cotton is **absorbent** (it soaks up liquid).

Which material is rigid and which one is flexible?



flexible



rigid

Which material is rough and which one is smooth?



smooth



rough