



# Material properties

## Match the properties to the definitions

TOUGH      HARD      POROUS      BRITTLE      STRONG      ELASTIC

- 1) Hard but easily broken
- 2) Strong and durable, not easily broken or cut
- 3) Capable of resisting deformation by stretching
- 4) Not easily broken, damaged, or destroyed
- 5) Able to easily absorb fluids or allow liquid to pass through
- 6) Solid, firm and rigid



## CLASSIFY THE FOLLOWING MATERIALS ACCORDING TO THE CATEGORIES

Ceramic      Rubber      Concrete      Aluminum      Wood  
 Stone      Glass      Silicon      Steel      Plastic

POROUS	ELASTIC	STRONG	BRITTLE	TOUGH

## COMPARATIVES: complete the sentences with the correct material

- 1- Steel is more elastic than \_\_\_\_\_
- 2- A porcelain tile is more brittle than \_\_\_\_\_
- 3- A piece of steel is harder than \_\_\_\_\_
- 4- Soil is more porous than \_\_\_\_\_
- 5- Concrete is stronger than \_\_\_\_\_

concrete

a ceramic tile

rubber

iron

cement

## Listen to a contractor talking about the key properties of asphalt and match



A) Penetration

1-dark surfaces absorb light

B) Cutback

2-motorways need to be as quiet as possible

C) Porosity

3-how fast the asphalt cures

D) Noise reduction

4-how much water the asphalt lets through

E) Reflection

5-tells how hard the asphalt is

