



# 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             |