

Match the pictures to the correct materials and descriptions.

|                                                                                   |                              |                                                           |
|-----------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------|
|  | <b>Steel is strong.</b>      | <b>It can support weight without breaking.</b>            |
|  | <b>Leather is flexible.</b>  | <b>It returns to its original shape after stretching.</b> |
|  | <b>Rubber is elastic.</b>    | <b>It can be bent without breaking.</b>                   |
|  | <b>Glass is transparent.</b> | <b>It cannot be scratched easily.</b>                     |
|  | <b>Diamond is hard.</b>      | <b>Light can pass through this material.</b>              |

Read and match the halves of the sentences about matter.

|                                |                                         |
|--------------------------------|-----------------------------------------|
| <b>Mass is the quantity of</b> | <b>space an object occupies.</b>        |
| <b>We measure volume in</b>    | <b>matter in an object.</b>             |
| <b>We measure mass in</b>      | <b>millilitres (ml) and litres (L).</b> |
| <b>Volume is the amount of</b> | <b>grams (g) and kilograms (kg).</b>    |

Label the pictures with the correct descriptions.

|                                                                                                                                                                                                                           |                                                                                     |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <p>Magnetism is a non-contact force.</p> <p>When pushing an object, we use force to move it away from us.</p> <p>Gravity is a non-contact force.</p> <p>When pulling an object, we exert force to move it towards us.</p> |  |  |
|                                                                                                                                                                                                                           |  |  |
|                                                                                                                                                                                                                           |                                                                                     |                                                                                      |
|                                                                                                                                                                                                                           |                                                                                     |                                                                                      |

Complete the table with the correct options.

|         |                           |                              |                              |                              |                               |
|---------|---------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| Wood    | furniture, toys and paper | strong and slightly flexible | Fibres                       | plants, animals or petroleum | several and different         |
| Plastic | petroleum                 | soft, flexible and light     | fabrics, clothes or textiles | tree trunks and branches     | containers, car parts or toys |

| Materials                                                                                                   | We get them from...  | Properties           | Used for...          |
|-------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|
| <br><input type="text"/>   | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <br><input type="text"/>   | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <br><input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Complete the outlines with the following options.

magnetism

volume

mass

shape

gravity

movement

| Matter, materials and forces     |                                                 |                                                                       |                                              |
|----------------------------------|-------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| Matter                           | Materials                                       | Forces                                                                | Forces can                                   |
| <input type="text"/> (kilograms) | both:<br>• fibres                               | contact force                                                         | change movement                              |
| <input type="text"/> (litres)    | natural:<br>• wood<br>• metal                   | non-contact forces:<br>• <input type="text"/><br><input type="text"/> | change the direction of <input type="text"/> |
| density                          | man-made:<br>• plastic<br>• glass<br>• ceramics |                                                                       | change <input type="text"/>                  |

Complete the table with the correct options.

|                                  |                       |                    |                         |                          |                               |
|----------------------------------|-----------------------|--------------------|-------------------------|--------------------------|-------------------------------|
| sand heated at high temperatures | Metals                | mineral extraction | tools, ships or cars    | soft, flexible and light | strong and hard               |
| pots, plates or cups             | clay shaped and baked | Ceramics           | transparent and fragile | Glass                    | lenses, containers or windows |

| Materials                                                                                                   | We get them from...  | Properties           | Used for...          |
|-------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|
| <br><input type="text"/>   | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <br><input type="text"/>  | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <br><input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |