

UNIT 5 DIAGNOSTIC TEST

Name: _____

Class: _____

1 Label the photos with the words in the box.

liquid solid gas


2 Write *mass*, *volume* or *density*.

- a** The amount of matter something contains is the _____.
- b** The amount of space matter occupies is _____.
- c** The relationship between the mass and volume of an object is _____.
- d** When you divide the _____ of an object by its volume, you can find its density.

3 Write N (natural material) or M (manufactured material).


4 Match to make true sentences.

- Solubility refers to ●
- Resistance refers to ●
- Thermal conductivity refers to ●
- Hardness refers to ●
- Colour refers to ●
- Elasticity refers to ●

- if a material reflects or absorbs light.
- if a material is difficult to scratch.
- if a material breaks easily.
- if a material stretches.
- if a material transfers heat.
- if a material can be dissolved.

5 Complete the sentences with the words in the box.

homogeneous heterogeous shape irreversible

- a** Elements in a _____ mixture are easily separated.
- b** Matter can change _____.
- c** Separate elements in a _____ mixture are not visible.
- d** Some changes to matter are _____.

6 Label the renewable energy sources with the words in the box.

water wind sunlight


