

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Natural Science TEST Unit 4: Matter

1. How do you call the property which determines how much space matter occupies?

Mass

Density

Volume

2. What has more mass: 2kg of feathers or 2kg of coins?

Feathers

Coins

They have the same mass.

What would occupy a bigger volume?

Feathers

Coins

They occupy the same volume

3. If we place an object on a scale and it says the object weighs 10kg, which property of matter is it telling us about?

Volume

Mass

Density

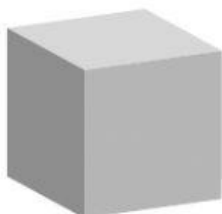
4. Objects have other properties which depend on the substances they are made of. These properties are called:

General properties

Specific properties

Mass and volume are \_\_\_\_\_

5. Look at these pictures and tick the right sentences:



They have a similar volume.....

They have similar mass.....

The paper cube has more mass.....

The wooden cube has more mass.....

The wooden cube has bigger volume.....

**6. When does matter become a different substance (chemical change)?**

Melted Ice-cream

Burned wood

Vapour getting cold and becoming liquid

Frozen orange juice

**7. Match:**

Wool, leather and silk.



Natural materials of mineral origin.

Wood and cotton.



Natural materials of vegetable origin.

Rocks and gemstones.



Artificial materials.

Plastic, glass and paper.



Natural materials of animal origin.

**8. Tick only if it is MATTER.**

Happiness.

Water.

Blackboard.

Air.

Noise.

Light.

**9. Write  T if it's TRUE or  F if FALSE:**

Solids do not have a fixed shape and their volume doesn't change.

Liquids do not have a fixed shape and their volume doesn't change.

Gases have fixed shape and volume.

**10. Which of these materials have been discovered recently?**

Carbon fiber.

Plastic.

Metal.

Graphene.

