

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:

☐

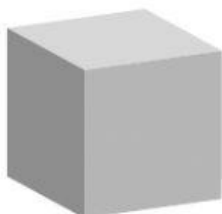
General properties

☐

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.

