

Name: _____

Date: _____

1 You Decide!

What is matter made of?

- A All matter is made up of small particles.
- B Whatsamatteryou?

2 You Compare!

How are the particles in liquids packed differently than those in solids?

- A There are no particles in liquids. Just drops, man.
- B The particles in liquids are not packed as tightly together as those in solids. Particles in liquids move more freely and do not have a definite shape. Particles in solids can't move as freely and therefore have a definite shape.

3 You Predict!

What do you feel when you push the balloon?

- A The balloon pushes back. This is because the overall pressure in the balloon is increased when it is squeezed.
- B I feel a joy like I've never experienced!

4 You Decide!

At what temperature does water freeze?

- A Water freezes at 32° Celsius (0° Fahrenheit).
- B Water freezes at 0° Celsius (32° Fahrenheit).

5 Matter is made up of small _____.

- A particles
- B radicals

6 There are _____ phases of matter.

- A three
- B four

7 _____ is the amount of space something takes up.

- A volume
- B pressure

8 A _____ is a regular repeating pattern of particles.

- A liquid
- B crystal

9 _____ have definite volume and no definite shape.

- A liquids
- B gases

10 _____ refers to the resistance of a liquid to flow.

- A viscosity
- B idiocy

11 The air above us creates a downward _____.

- A pressure
- B friction

12 _____ involves the change of a liquid to a solid.

- A freezing
- B condensation

13 Water boils at _____ degrees Celsius.

- A 212
- B 100

14 Water freezes _____ degrees Celsius.

- A 32
- B 0