

## 2.3 Prop & Changes of Matter

### Activity 3: Properties of Matter

Match the property to its best definition

1. Melting point

a. How well electric currents move through a substance

b. Ability to burn easily

c. Amount of matter packed into a given amount of space

d. Ability to be rolled or pounded into different shapes

e. Force of attraction that can act at a distance

f. Rate at which a substance transfers heat

g. Ability of a substance to dissolve into another substance

h. Temperature a substance changes from solid to liquid

i. Ability to interact with another substance to form a new substance

j. Temperature a substance changes from a liquid to a gas

2. Boiling point

3. Magnetism

4. Thermal conductivity

5. Electrical conductivity

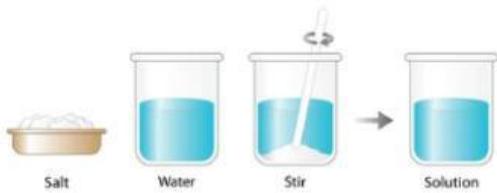
6. Malleability

7. Solubility

8. Reactivity

9. Flammability

10. Density



Making a Solution:

1. The salt is the \_\_\_\_\_

2. The water is the \_\_\_\_\_

3. The solution is \_\_\_\_\_

### Size Dependent or Size Independent?

Place the words from the word bank into the correct category. Remember size independent are characteristic properties.

**Word Bank:** melting point • solubility • volume • magnetism • conductivity • weight • malleability • density • reactivity • flammability • mass

Size Dependent	Size Independent