

## EXERCISE 5.1 MATTER IN NATURE

1. Type the correct answer for the following statement. (TP2)

(a) Matter can be defined as a substance that has ..... and occupies .....

(b) Matter has mass; therefore it has ..... under the influence of Earth's gravity.

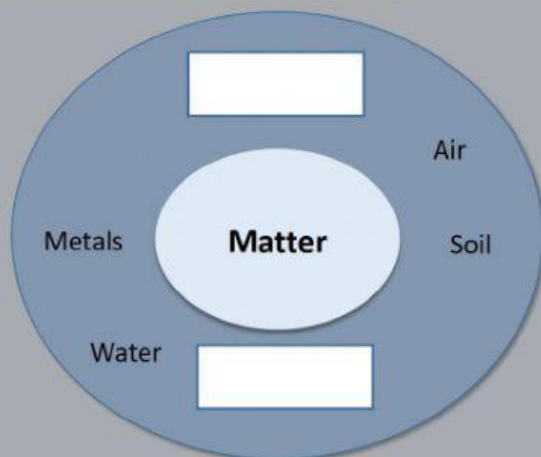
(c) Matter also occupies space ; therefore it has a certain .....

2. Type the correct answer for the following diagram. (TP2)

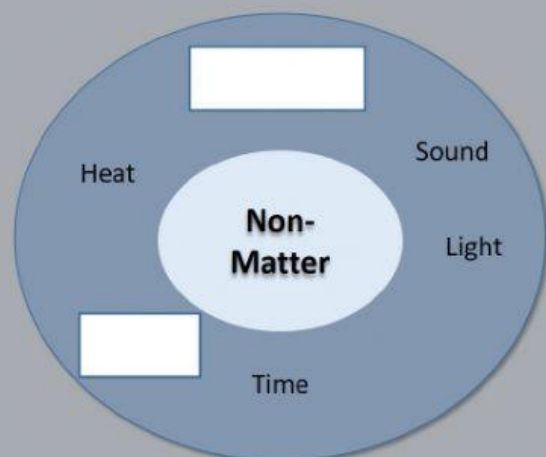
<p>The experiment above shows that air has .....</p>	<p>The experiment above shows that air occupies .....</p>

3. Choose suitable answers to complete the circle map below. (TP2)

### Thinking Map : Circle Map






Examples of Matter



Examples of Non-Matter

4. Mark correct (/) on the diagram that is **not matter**. . (TP2)

 spinach	 heat	 sound waves

5. Choose two types of properties of matter. (TP1)

	Physical property and emotional property
	Physical property and chemical property
	Emotional property and chemical property

6. Other than formation of new substance, state one other characteristic to determine physical property and chemical property. (TP2)

Activity that involves physical property are ..... reversible while activity that involves chemical property are ..... reversible.

7. Mark ( / ) for example of chemical property. (TP3)



Ketumpatan  
*Density*



Ketoksikan  
*Toxicity*



Keradioaktifan  
*Radioactivity*



Keasidan  
*Acidity*



Warna  
*Colour*



Kelikatan  
*Viscosity*