



مدارس الريادة العالمية
AL-REEYADA INTERNATIONAL SCHOOL



Cambridge Assessment
International Education
Cambridge Associate School



AL-REEYADA INTERNATIONAL SCHOOL
MAHASEN ARAMCO, AL-AHSA, KINGDOM OF SAUDI ARABIA



SCIENCE – 6



Lesson – Measurement

Worksheet – 1

NAME: _____ CLASS: _____ DATE: _____

PAPER – 4

I. Fill in the blanks.

1. The hotness or coldness of a substance is measured by taking its _____.
2. The two liquids that are used in a thermometer are _____ and _____.
3. Physics is the scientific study of how _____ and _____ interact.
4. 52 kg = _____ Mt.
5. Mercury has a freezing point of _____ °C and a boiling point of _____ °C.
6. Each stage in a rocket has _____ and _____.
7. The international system of units that is used by the scientists across the world is known as the _____.
8. If the _____ of the thermometer is placed in a hot substance, the liquid inside the tube moves up.
9. It is important to be _____ and _____ with measurements so that data in results are reliable.

II. Define the following terms.

i) Phenomena

Ans: _____
_____.

ii) Accuracy

Ans: _____
_____.

iii) SI units

Ans: _____
_____.

III. Answer the following questions:

1. 'Care in setting up the device is needed'. Explain this statement by using examples.

Ans: _____

_____.

2. 'Sometimes we can observe several phenomena in an event.' Using the example of launching a rocket explain this statement.

Ans: _____

_____.

3. Give one difference between melting point and boiling point with one example each.

Melting point	Boiling point
1.	1.
E.g.:	E.g.:

PAPER – 6

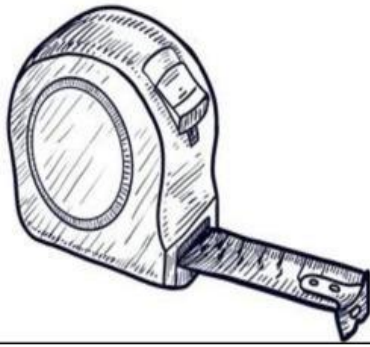
IV. Convert the following:

1.	50 min = _____ s
2.	8 μm = _____ m
3.	20 nm = _____ cm
4.	32 mg = _____ t
5.	7 d = _____ s

V. Identify the following measuring instruments.







VI. A student uses thermometer to monitor the change in temperature of water. i) Observe the diagram carefully and take the thermometer reading in $^{\circ}\text{C}$. Also indicate the state of water at that particular temperature.



Thermometer reading 1

_____ $^{\circ}\text{C}$.

State of water - _____



Thermometer reading 2

_____ $^{\circ}\text{C}$.

State of water - _____

ii) Explain why the liquid inside the thermometer went down.

Ans: _____.