Grade 3 (Trial Science Midterm)

Q1\ Describe one change happens to the candle, and classify it as physical or chemical change?
(Now it's Choices, In the midterm students will write them without choices)

The change occurs is: ……………………………………………………………
and It's a physical Change.

Another accepted answer:

The change occurs is : ……………………………………………………
and It's a chemical change.

Q2 \ Write one example of the following:
(Now it's Choices, In the midterm students will write examples without choices)
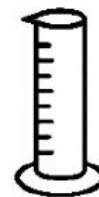
1. **A mixture**: …………………………………………….
2. **A Solution**: …………………………………………………..
3. **A physical change**: ……………………………………………………….
4. **A Chemical Change**: ……………………………………………………….

Q3\ Match the following sentences:

1. Used to measure the Temperature

2. Used to Separate a mixture of pins and rocks

3. Used to measure the volume

Q4\ *Put true (T) or false (F) for the following sentences:*

1. **The thermometer** in the picture shows 10 Kg (   )

_____ kg

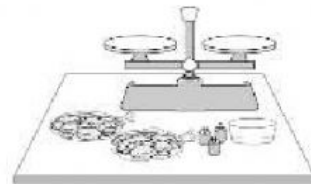2. The snow man in the sunny day **freezes**   (   )

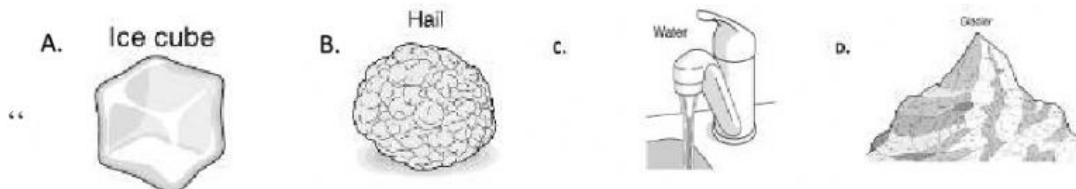3. **The Full moon** has light on the right side only. (   )

Q5\ *MULTIPLE CHOICE:*

1. Al Hanouf has two bags of rocks from her rock collection. **She wants to know the mass** of the rocks in each bag. **Which equipment she is going to use.**
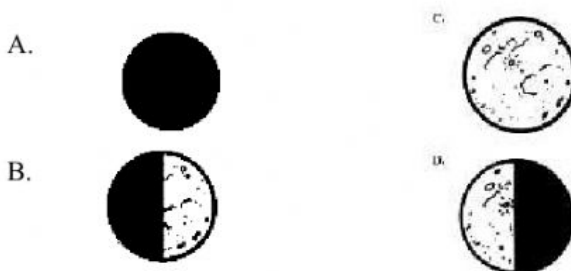
A. Graduated cylinder
B. Thermometer
C. Ruler
D. Pan balance

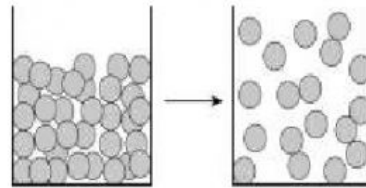2. Water can exist in a solid, liquid, or gas state. Which picture shows water as **a liquid**?

A. Ice cube   B. Hail   c. Water   D. Glacier

3. The moon's shape seems to change in the same pattern every month. Which of these main phases of the moon is **the First quarter moon?**

A.
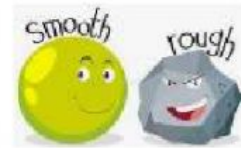
B.

c.

D.

4. This change of state from Liquid into a gas is ……………..
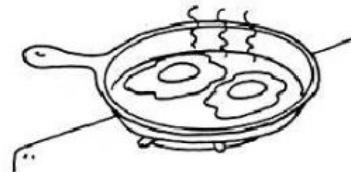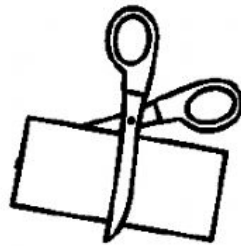
A. Separation
B. Evaporation
C. Squeezing
D. Freezing

5. The physical property that describes how smooth or rough something is:

A. Mixture
B. Texture
C. Volume
D. Mass

6. Which of the following pictures shows **a Physical Change**

Q3 \ Determine the Volume of this box
(Now it's Choices, In the midterm students will Solve it By themselves)

A. V= L ×W×H =2×2× 2= 8
B. V= L + W + H = 2+2+2= 6
C. V= L – W – H = 2 − 2 -2 = -2

2 cm

2 cm   2 cm