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:*
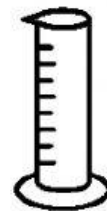*(Now it's Choices, In the midterm students will write examples without choices)*

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 (   )

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

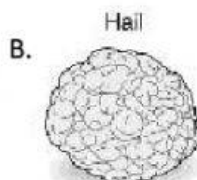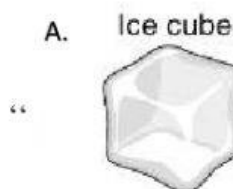3. **The Full moon** has light on the right side only. (   )

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.**
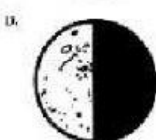
    A. Graduated cylinder
    B. Thermometer
    C. Ruler
    D. Pan balance

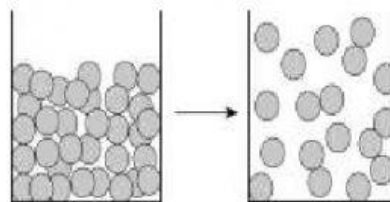2. Water can exist in a solid, liquid, or gas state. Which picture shows water as **a liquid**?

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 ……………..
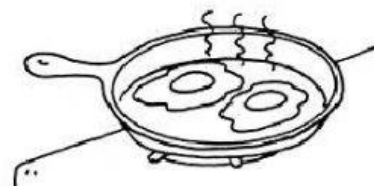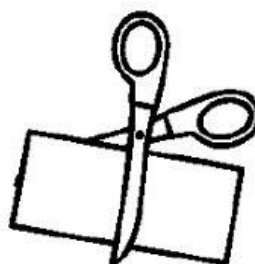
A. Separation
B. Evaporation
C. Squeezing
D. Freezing

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