



**COLEGIO NUESTRA SEÑORA DEL
ROSARIO
BOGOTA**

**HOME EXPERIENCE
PROPERTIES OF THE
MATTER AND
ENERGY**

NAME:

GRADE:

TEACHER NAME:

DATE:

**OBJECTIVE: IDENTIFY SOME PROPERTIES OF THE MATTER IN DIFFERENT
OBJECTS AND THE TYPES OF ENERGY**

1- Write the mass of some fruits



PINEAPPLE MASS: _____

APPLE MASS: _____

WHICH HAS MORE MASS? _____

WHICH HAS LESS MASS? _____

WHICH IS HEAVIER? _____

2- Write the volume of the liquids

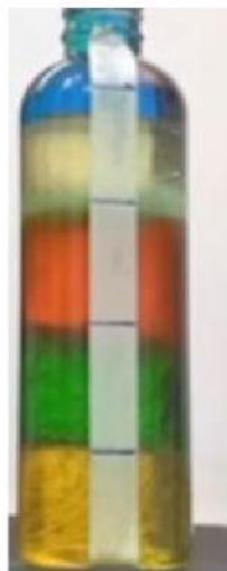


what volume of the shampoo is in the container



What volume of toothpaste is in the container?

3- Identify the density of some liquids



ALCOHOL

OIL

WATER

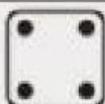
SOAP

HONEY

WHICH LIQUID IS DENSER?

WHICH LIQUID IS LESS DENSE?

4- Drag and drop

| Object | Sink Did the object sink to the bottom? | Float Did your object float on the top? |
|---|--|--|
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|  | | |
|  | | |

5- Match



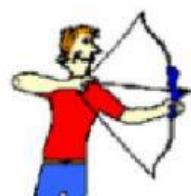
THERMAL ENERGY



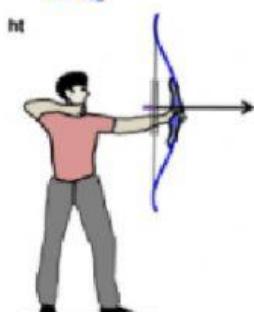
POTENTIAL ENERGY



CHEMICAL ENERGY



SOLAR ENERGY



ELECTRICAL ENERGY



KINETIC ENERGY

6- Observe the pictures and answer the questions:



what happens when you rub a balloon with your clothes?

- a- Static electricity
- b- Thermal energy
- c- Chemical energy



which pieces can you pick up easily?

- a- Salt
- b- Ground pepper
- c- neither of the two