



**COLEGIO NUESTRA SEÑORA DEL  
ROSARIO  
BOGOTÁ**

**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: \_\_\_\_\_**

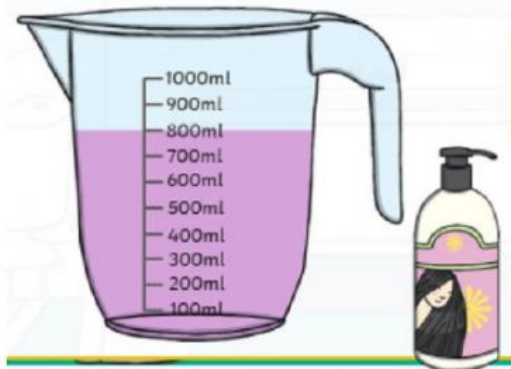
**APPLE MASS: \_\_\_\_\_**

**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

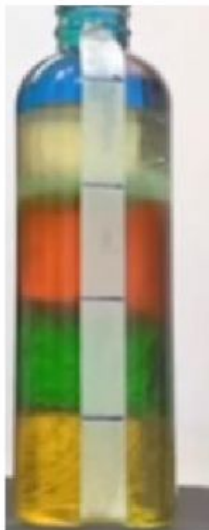
\_\_\_\_\_



What volumen of toothpaste is in the container?

\_\_\_\_\_

3- Identify the density of some liquids



ALCOHOL

OIL

WATER

SOAP

HONEY











WHICH LIQUID IS DENSER?

\_\_\_\_\_

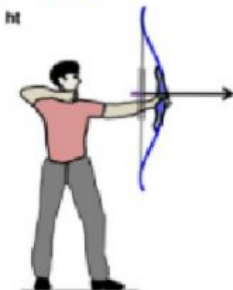
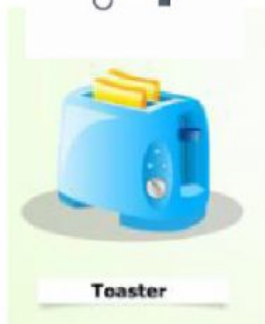
WHICH LIQUID IS LESS DENSE?

\_\_\_\_\_

4- Drag and drop

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

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