

Practical exam (plant survival)

Student name: ..... grade 5 / ....

**10**

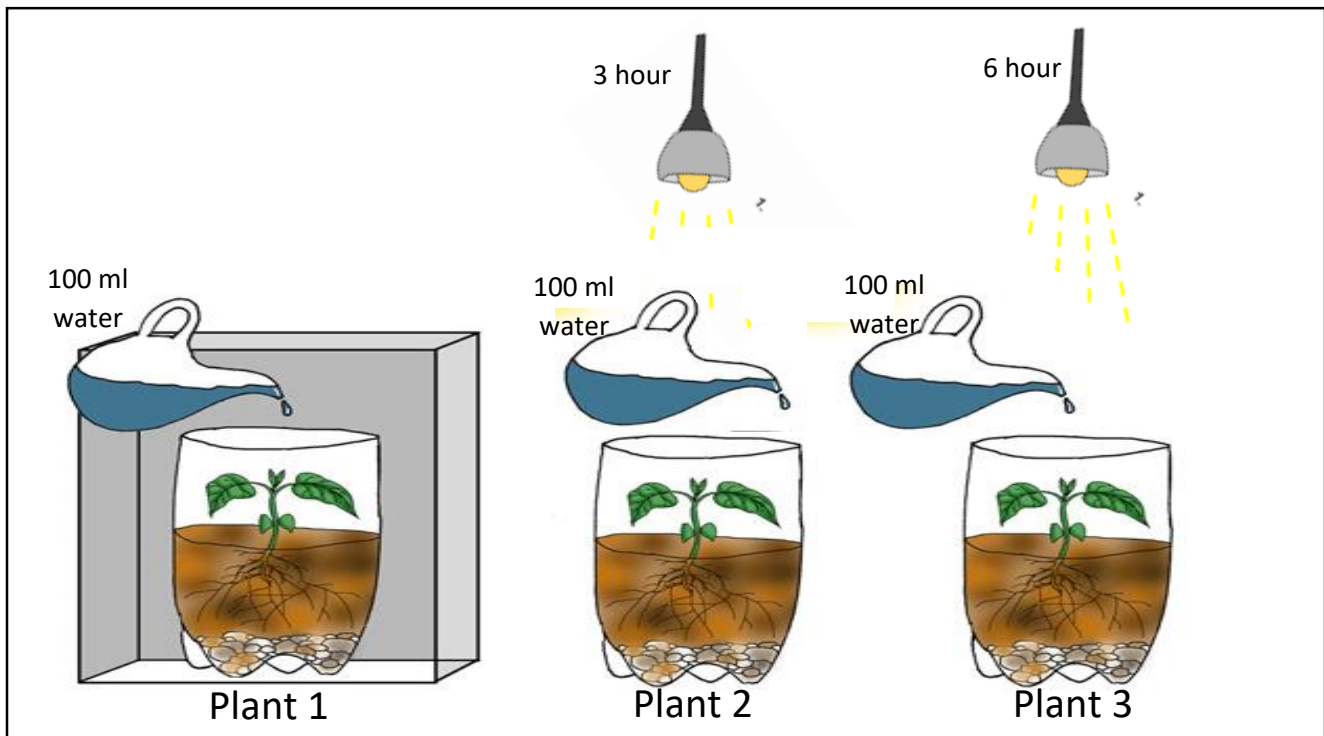
Latifa wanted to study the effect of light on plant growth, so she did out the following experiment

Experiment Tools:

- Three plants of the same type.
- Two lamps of the same type.
- We water all plants with 100 ml of water every day
- Ruler ( Cm )

Steps of the experiment:

1. We cover the first plant with a box all time.
2. We expose the second plant to light for only three hours a day.
3. We expose the third plant to light only six hours a day.
4. We water the three plants daily with 100 ml of water per day.



The following table show the results of plant growth an experiment .

Length of plant at days	Plant 1	Plant 2	Plant 3
Length of plant at 1 day ( Cm )	0	0	0
Length of plant day 7 ( Cm )	1	3	5
Length of plant at 14 day ( Cm )	3	5	9
Length of plant at 21 day ( Cm )	5	7	13

1-what is the aim of this experiment? .....

2- Does light affect plant growth? ..... ( yes – No )

3-what are constant variables? ..... and .....

(type of lamp - amount of light – length of plant – type of plant)

4-what is change variable? .....

(amount of water - amount of light – length of plant)

5-what is measurement variable? .....

(amount of light – length of plant – amount of water)

6- latifa measures length of plant by use ..... in unit .....

7-draw the result :

