

Practical exam (plant survival)

Student name: grade 5 /

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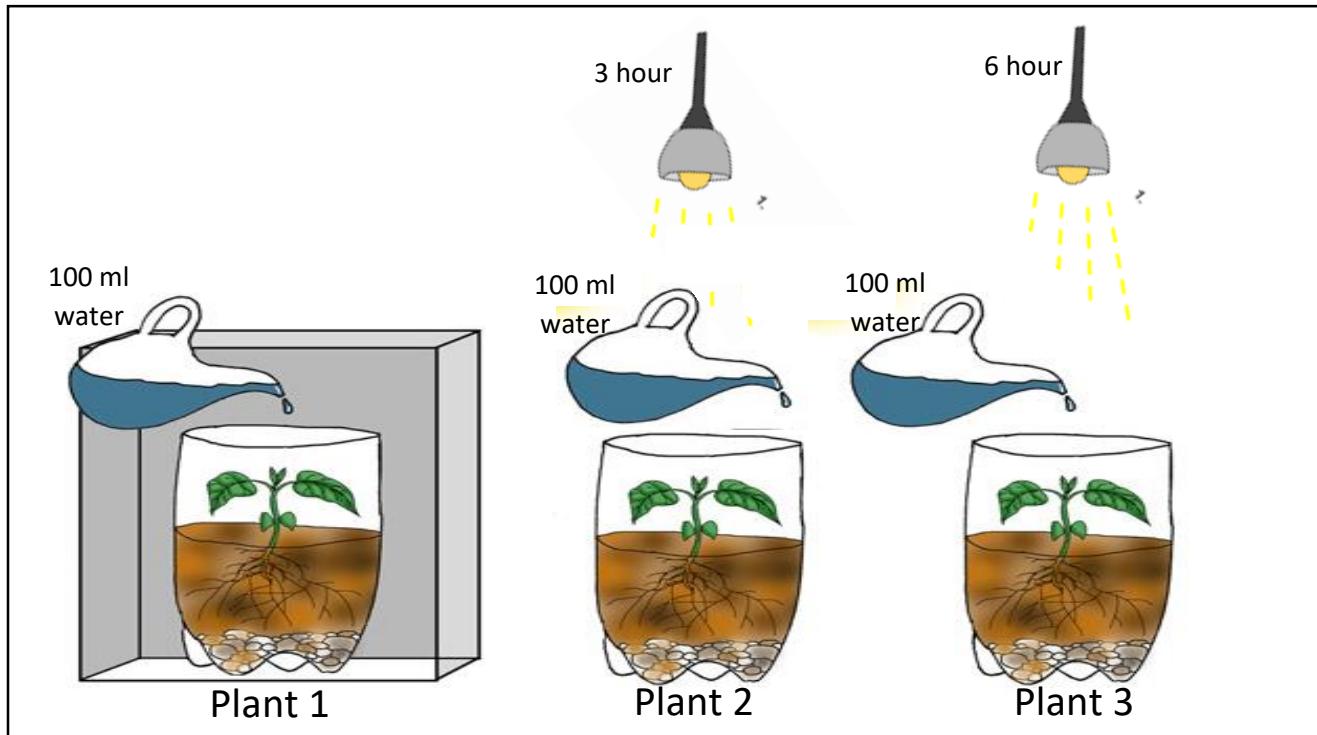
Latifa wanted to study the effect of light on plant growth, so she did out the following experiment

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 :

