



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

## Match each of the following terms to its definition:

Observation

Inference

Data

International System of Measurement (SI)

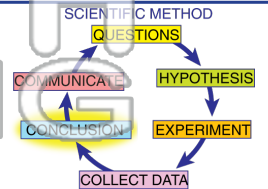
Responding variable

Hypothesis

Manipulated variable

Conclusion

1. \_\_\_\_\_ - the summing up of the information from an investigation that either supports the hypothesis or not



2. \_\_\_\_\_ - evidence that is gathered by making observations; another word for facts and information

Traveling Car Cars

Trial	1	2	3	4	5
car 1	10	11	9	10	10.5
car 2	4	4	4	4	4
car 3	5	4	4	4	4
car 4	11	6	6	6	6
car 5	5	5	5	5	5
car 6	9	8	8	8	8

3. \_\_\_\_\_ problem; certain q



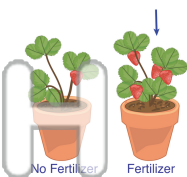
4. \_\_\_\_\_ observat evidence

5. \_\_\_\_\_ all scient

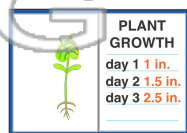
## PREVIEW

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6. \_\_\_\_\_ - the variable that is changed in an experiment



7. \_\_\_\_\_ - using one or more of your senses to gather and collect data or information



8. \_\_\_\_\_ - the factor that changes because of the manipulated variable





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**Match each of the following terms to its definition:**

Observation

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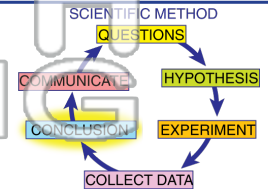
Responding variable

Hypothesis

Manipulated variable

Conclusion

1. **conclusion** - the summing up of the information from an investigation that either supports the hypothesis or not



2. **data** - evidence that is gathered by making observations; another word for facts and information

Traveling Car Cars					
Trials	1	2	3	4	5
car 1	10	11	9	10	10.5
	4	4			
	5	4			
	11	6			
	5	5			
	9	8			

3. **hypot**  
problem;  
certain q



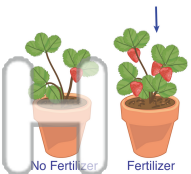
4. **inference**  
observat  
evidence

5. **Intern**  
measure

**PREVIEW**

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the printable version of this worksheet

6. **manipulated variable** - the variable that is changed in an experiment



7. **observation** - using one or more of your senses to gather and collect data or information

PLANT GROWTH	
	day 1 1 in.
	day 2 1.5 in.
	day 3 2.5 in.

8. **responding variable** - the factor that changes because of the manipulated variable

