



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

1 An important aspect to **designing an experiment** is knowing the different \_\_\_\_\_.

**A** hypotheses  
**B** data  
**C** variables  
**D** conclusions

3 Which is **not** a type of **variable**?

**A** independent  
**B** responding  
**C** maneuver  
**D** dependent

2 **Variables** are \_\_\_\_\_.

**A** the tools that you use during an experiment  
**B** factors that can have an effect on the experiment  
**C** a list of the ways the experiment could go wrong  
**D** troubles expected during the experiment

4 \_\_\_\_\_ variable is a variable that is **changed** during an experiment.

**A** A dependent  
**B** A manipulated  
**C** A responding  
**D** An important

5

**PREVIEW**

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7

**A** hypothesis  
**B** data  
**C** summary  
**D** conclusion

**A** award for your experiment  
**B** so misspellings are fixed  
**C** so experiment problems can be fixed  
**D** so the information from the experiment is passed on

9 Which is **not** a laboratory skill?

**A** weighing  
**B** cleaning equipment and work area  
**C** being a fast worker  
**D** measuring

10 Which is **not** a tool used during **scientific investigations**?

**A** string  
**B** graduated cylinder  
**C** Erlenmeyer flasks  
**D** All of these are tools



## ANSWER KEY

An important aspect to **designing an experiment** is knowing the different \_\_\_\_\_.

- A** hypotheses
- B** data
- C** variables
- D** conclusions



(C)

**Variables** are \_\_\_\_\_.

- A** the tools that you use during an experiment
- B** factors that can have an effect on the experiment
- C** a list of the ways the experiment could go wrong
- D** troubles expected during the experiment



(b)

Which is **not** a type of **variable**?

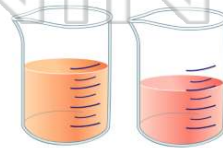
- A** independent
- B** responding
- C** maneuver
- D** dependent



(C)

\_\_\_\_\_ variable is a variable that is **changed** during an experiment.

- A** A dependent
- B** A manipulated
- C** A responding
- D** An important



(b)



## PREVIEW

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A  
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s

- A** data
- B** summary
- C** conclusion

- B** so misspellings are fixed
- C** so experiment problems can be fixed
- D** so the information from the experiment is passed on

Which is **not** a laboratory skill?

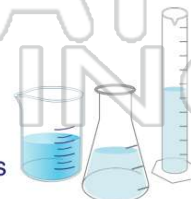
- A** weighing
- B** cleaning equipment and work area
- C** being a fast worker
- D** measuring



(C)

Which is **not** a tool used during **scientific investigations**?

- A** string
- B** graduated cylinder
- C** Erlenmeyer flasks
- D** All of these are tools



(d)