

Scientific Method review/ ACT Prep (together)

Passage 1:

1. Identify the

- Problem: \_\_\_\_\_  
\_\_\_\_\_
- Variables:
  - i. Independent = \_\_\_\_\_
  - ii. Dependent = \_\_\_\_\_

2. Answers to questions:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_

Passage 2:

1. In study 2 identify:

- Problem: \_\_\_\_\_  
\_\_\_\_\_
- Hypothesis: \_\_\_\_\_  
\_\_\_\_\_
- Variables:
  - i. Independent = \_\_\_\_\_
  - ii. Dependent = \_\_\_\_\_
- Graph set up

2. Answers to questions (5-9)

- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_

Passage 5:

1. In experiment 1 identify:

- a. Problem: \_\_\_\_\_
- b. Hypothesis: \_\_\_\_\_  
\_\_\_\_\_
- c. Independent variable = \_\_\_\_\_
- d. Dependent variable = \_\_\_\_\_

- e. Constants = \_\_\_\_\_
- f. What would be a good control to show in the data?

\_\_\_\_\_

g. Graph set up

Scientific Method review / ACT Prep (independant work)

Passage 6:

- 1. What would be an accepted hypothesis of the data presented?

\_\_\_\_\_

- 2. Independent variable:

\_\_\_\_\_

- 3. Dependent variable:

\_\_\_\_\_

Passage 5: (experiment 2)

- 1. Identify:

- a. the problem

\_\_\_\_\_

- b. Accepted hypothesis :

\_\_\_\_\_

- c. Independent variable: \_\_\_\_\_

- d. Dependent variable : \_\_\_\_\_

- e. Control : \_\_\_\_\_

- f. Constants: \_\_\_\_\_

Answer questions (20 -28)

20. \_\_\_\_\_

21. \_\_\_\_\_

22. \_\_\_\_\_

23. \_\_\_\_\_

24. \_\_\_\_\_

25. \_\_\_\_\_

26. \_\_\_\_\_

27. \_\_\_\_\_

28. \_\_\_\_\_