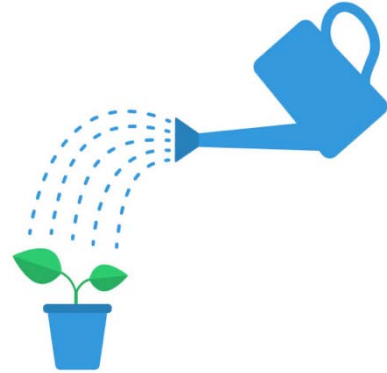


Name \_\_\_\_\_

## Scientist's Equations

**Directions:** Use the data below to answer each question. Show your work.

| Plant Growth After One Week |
|-----------------------------|
| Plant A: 3.4 cm             |
| Plant B: 5.2 cm             |
| Plant C: 4.8 cm             |
| Plant D: 2.9 cm             |
| Plant E: 6.1 cm             |



|                                                                                                          |                                                                                                            |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1. How much did Plant A and Plant C grow altogether?                                                     | 2. How much taller is Plant E than Plant D?                                                                |
| 3. The total growth of Plant B was shared equally over 4 days. How many centimeters did it grow per day? | 4. Plant A grew the same amount each day for 2 days. How many centimeters did it grow each day?            |
| 5. Find the total growth of all five plants.                                                             | 6. A second group of plants grew twice as much as Plant D. How many centimeters did the second group grow? |
| 7. Which plant had the greatest growth? By how many centimeters did it exceed Plant C?                   | 8. If Plant B had grown 1.5 cm more, what would its new height be?                                         |
| 9. How much more did Plant B and Plant E grow together than Plant A and Plant D together?                | 10. Explain whether the total growth of all five plants is greater than or less than 20 cm.                |