Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seed Germination & Planting Quiz

*Instructions: Please review the guidelines worksheet to complete the quiz below.*

1. **What are the two things a seed needs for germination to occur?**

**Moisture (water) & Warmth/Warm Temperatures (heat)**

1. **After the seed coat cracks, the Radical Root emerges.**
2. **The first leaves are called cotyledons.**
3. **The second leaves to emerge are called foliage leaves.**
4. **When a seedling emerges, it requires water, nutrients, light, and warmth to grow.**
5. **When direct seeding, over-seed by 25-50% True or False True**
6. **Light is requires for the first phase of germination. True of False False**
7. **Light is needed for at least 16 hours and a plant needs darkness for at least 8 hours at night.**

1. **Providing ideal temperature for your seeds will encourage quick germination.**
2. **The higher the relative humidity, the greater the absorption of water by the seed.**

1. **Lettuce prefers a pH range of 6.0-7.0. Basil prefers a pH range of 5.5-6.5.**