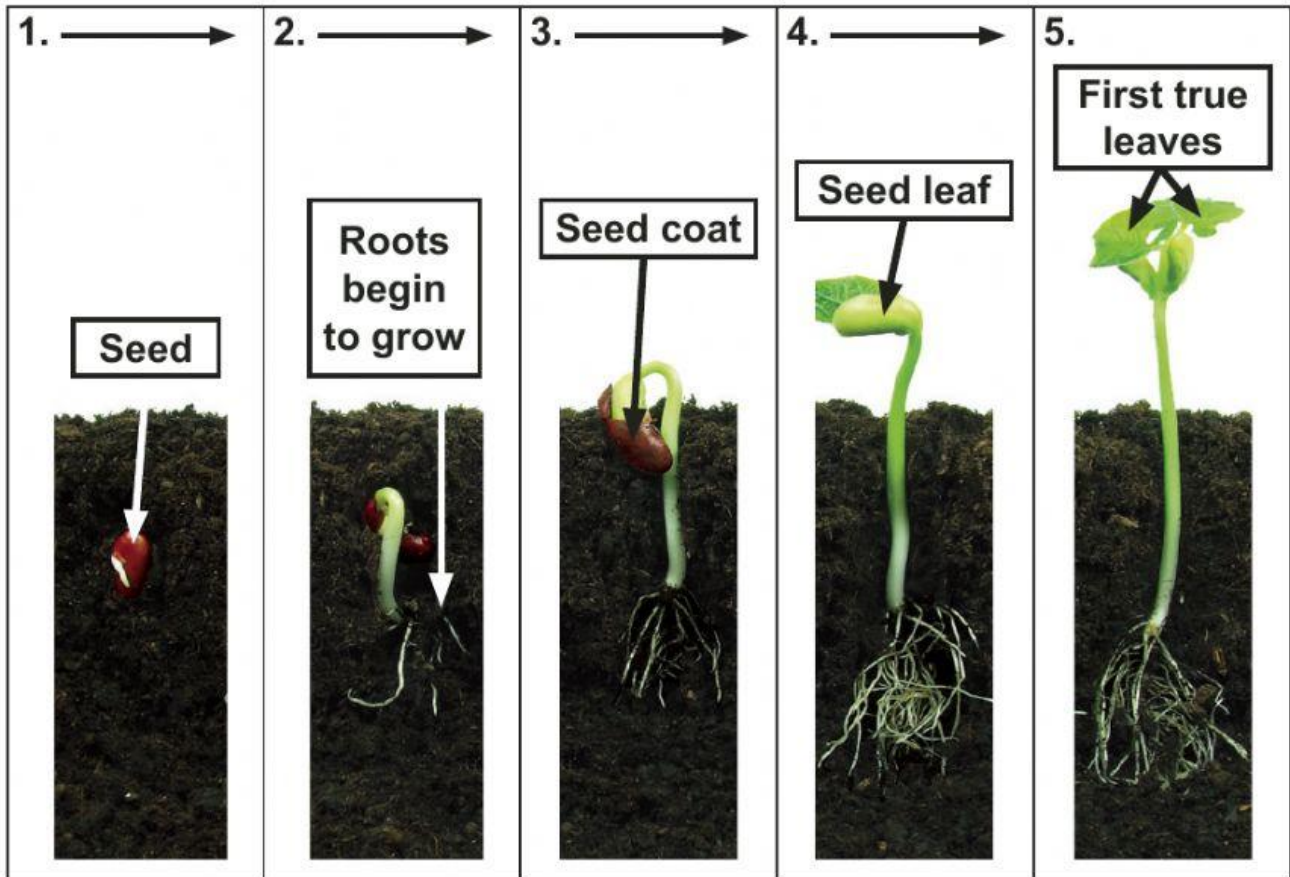


Name: \_\_\_\_\_

## Part D: How a Bean Seed Grows

The pictures in the chart show how a bean seed grows into a plant.



10

Roots are a very important part of a bean plant. They look like tiny hairs that grow down into the soil. Roots use water from the ground to help the plant grow.

Which picture shows this part of the plant?



Name: \_\_\_\_\_

11

The parts of a bean plant work together to help the plant grow. The stem is the long, thin part of the plant that grows from the seed. The stem holds the plant up and carries water up and down the plant. The leaves on the plant get water from the stem. The leaves need the water to make food for the plant.

What does the stem do for the plant?

- ☐ The stem makes food for the plant.
- ☐ The stem carries water to the leaves.
- ☐ The stem holds the seed in the ground.

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A bean plant has a seed coat that covers the growing seed. The leaves and stem are curved like a hook when the young plant pushes out of the ground. This special shape keeps the young, soft leaves close to the strong stem where they can be protected, or kept safe. As the seed leaf pops out of the ground, the seed coat falls off. After a few days, if there is enough sunlight, the stem stands up all the way.

Why does the seed leaf stay close to the stem when the stem pushes out of the ground?

- ☐ To keep the new leaves safe
- ☐ To make the seed coat fall off
- ☐ To take in enough sunlight