

# Lesson 5: Earth's Formation

## Vocabulary: Fill in the Blank

**Word Bank:** *accretion molten core mantle crust differentiation*

1. The gradual buildup of a planet through collisions of rocks and dust is called

\_\_\_\_\_.

2. When rock melts into liquid form due to extreme heat, we say it is

\_\_\_\_\_.

3. The innermost, densest layer of Earth, made mostly of iron and nickel, is called the

\_\_\_\_\_.

4. The thick layer of rock between Earth's core and its outer layer is called the

\_\_\_\_\_.

5. The thin, cooled outermost layer of Earth where we live is called the

\_\_\_\_\_.

6. The process by which heavy materials sank to Earth's center and lighter ones rose to the top is called \_\_\_\_\_.

## Because / But / So

Complete each sentence using the connector word shown.

Early Earth was completely molten **because**

\_\_\_\_\_.

Early Earth was completely molten, **but**

\_\_\_\_\_.

Early Earth was completely molten, **so**

\_\_\_\_\_.