



# Earth's Layers

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

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. The \_\_\_\_\_ is the only layer of Earth that is completely liquid.
2. Earth's crust is made mostly of \_\_\_\_\_ and minerals, not metal.
3. The mantle contains a soft, slowly flowing zone called the \_\_\_\_\_.
4. Iron and \_\_\_\_\_ are the two main metals found in both the outer core and inner core.
5. The rigid top part of the mantle and the crust together form the \_\_\_\_\_.
6. Continental crust is mainly composed of a lighter rock called \_\_\_\_\_.
7. The inner core reaches temperatures of about \_\_\_\_\_ degrees Celsius.
8. The mantle makes up roughly \_\_\_\_\_ percent of Earth's total volume.
9. Oceanic crust is thinner but \_\_\_\_\_ than continental crust because basalt is heavier than granite.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Crust



\_\_\_\_\_

Liquid layer of molten iron that generates Earth's magnetic field

Mantle



\_\_\_\_\_

Thickest layer made of hot rock that flows very slowly

## Answer Key · Earth's Layers · Grade: Grade 5

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. The outer core is the only layer of Earth that is completely liquid.
2. Earth's crust is made mostly of rock and minerals, not metal.
3. The mantle contains a soft, slowly flowing zone called the asthenosphere.
4. Iron and nickel are the two main metals found in both the outer core and inner core.
5. The rigid top part of the mantle and the crust together form the lithosphere.
6. Continental crust is mainly composed of a lighter rock called granite.
7. The inner core reaches temperatures of about 5,000 degrees Celsius.
8. The mantle makes up roughly 84 percent of Earth's total volume.
9. Oceanic crust is thinner but denser than continental crust because basalt is heavier than granite.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Crust	→ <u>Thin outer shell of rock where all living things exist</u>	Liquid layer of molten iron that generates Earth's magnetic field
Mantle	→ <u>Thickest layer made of hot rock that flows very slowly</u>	Thickest layer made of hot rock