



Earth's Layers

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When two plates collide, one plate may slide beneath the other in a process called _____.
2. A _____ boundary forms where two plates slide past each other in opposite directions.
3. New ocean floor is created at _____ boundaries where plates pull apart and magma rises.
4. The Himalaya Mountains formed when two _____ plates pushed into each other over millions of years.
5. Deep ocean _____ form where an oceanic plate dives beneath another plate.
6. The San Andreas Fault in California is an example of a _____ plate boundary.
7. The Mid-Atlantic _____ is an underwater mountain chain formed by plates pulling apart.
8. A convergent boundary is a place where two tectonic plates _____ toward each other.
9. Island _____ form when volcanoes erupt along a subduction zone in the ocean.

Part B: Matching

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

1. Match each item to its correct answer.

Convergent boundary	→	_____	Plates slide sideways past each other, causing earthquakes
Divergent boundary	→	_____	One plate sinks beneath another into the hot mantle
Transform boundary	→	_____	Plates pull apart and new crust forms

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When two plates collide, one plate may slide beneath the other in a process called subduction.
2. A transform boundary forms where two plates slide past each other in opposite directions.
3. New ocean floor is created at divergent boundaries where plates pull apart and magma rises.
4. The Himalaya Mountains formed when two continental plates pushed into each other over millions of years.
5. Deep ocean trenches form where an oceanic plate dives beneath another plate.
6. The San Andreas Fault in California is an example of a transform plate boundary.
7. The Mid-Atlantic Ridge is an underwater mountain chain formed by plates pulling apart.
8. A convergent boundary is a place where two tectonic plates move toward each other.
9. Island arcs form when volcanoes erupt along a subduction zone in the ocean.

Part B: Matching

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

1. Match each item to its correct answer.

Convergent boundary	→ <u>Plates push together and may build mountains or trenches</u>	Plates slide sideways past each other, causing earthquakes
Divergent boundary	→ <u>Plates pull apart and new crust forms from rising magma</u>	One plate sinks beneath another into the hot mantle
Transform		Plates pull apart