

Name \_\_\_\_\_

## How old is the Atlantic Ocean?

### Measure the Atlantic Ocean Distance between Africa and South America

Spot #1 \_\_\_\_\_ cm

Spot #2 \_\_\_\_\_ cm

Spot #3 \_\_\_\_\_ cm

Average Distance \_\_\_\_\_ cm

### Map's Legend Conversion cm to km

On this map -> 1 cm = 1,000 km

Average cm \_\_\_\_\_ = \_\_\_\_\_ km

### When did South America break away from Africa?

The Mid-Atlantic ridge is moving at an average rate of 2.5cm per year, or the same as .000025 km per year.

Average distance \_\_\_\_\_ km divided by .000025 km per year

### Final Answer


Number of years ago \_\_\_\_\_

### Questions?

1. **Measure** Did your measurements vary?

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2.  **Key Concept** How does the age you calculated compare to the breakup of Pangaea 200 million years ago?

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