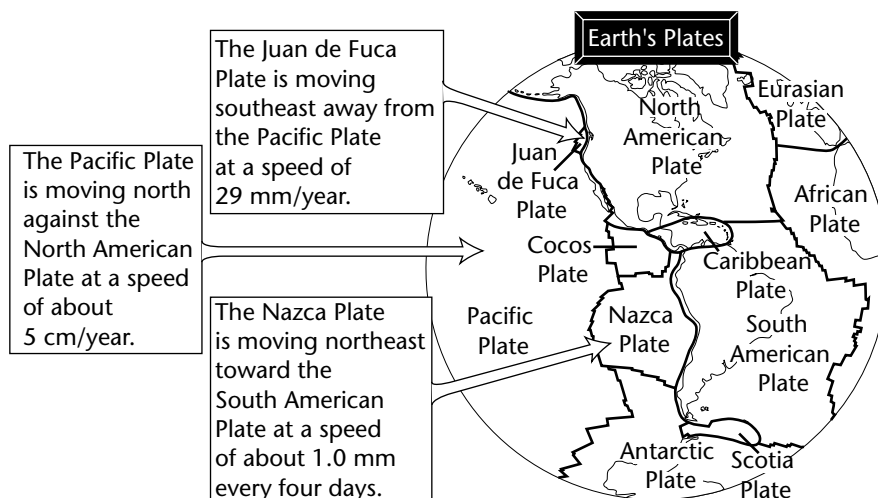


**Motion and Energy** ▪ 9.2 Review and Reinforce

# Speed and Velocity

**Understanding Main Ideas**

Study the map below. Answer the following questions in the spaces provided.  
Remember to include units in your answers as needed.



1. Which plate is moving the fastest? \_\_\_\_\_
2. Which plate is moving the slowest? \_\_\_\_\_
3. If the Juan de Fuca Plate continues to move away from the Pacific Plate at the same speed, how many meters will it move in 10,000 years? \_\_\_\_\_
4. About how many centimeters does the Nazca Plate move in one year? \_\_\_\_\_

**Building Vocabulary**

Define the following terms in the spaces provided.

5. speed

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6. velocity

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