Name (PRINT legibly, please) _____

NEATLY--

1. Label the plates: Nazca, South America, Antarctica, Pacific, Cocos
2. Label the Nazca-Cocos Ridge, Nazca-Pacific Ridge, and Nazca-Antarctic Ridge
3. Draw arrows on both side of axial rifts along the mid-ocean ridges
4. Draw half-arrow pairs along the longer transform faults on each ridge
5. Draw barbs along the Nazca-Pacific Trench on the upper (South American) plate

Explanation

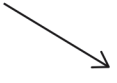
axial rift

trench, with barbs on the upper plate

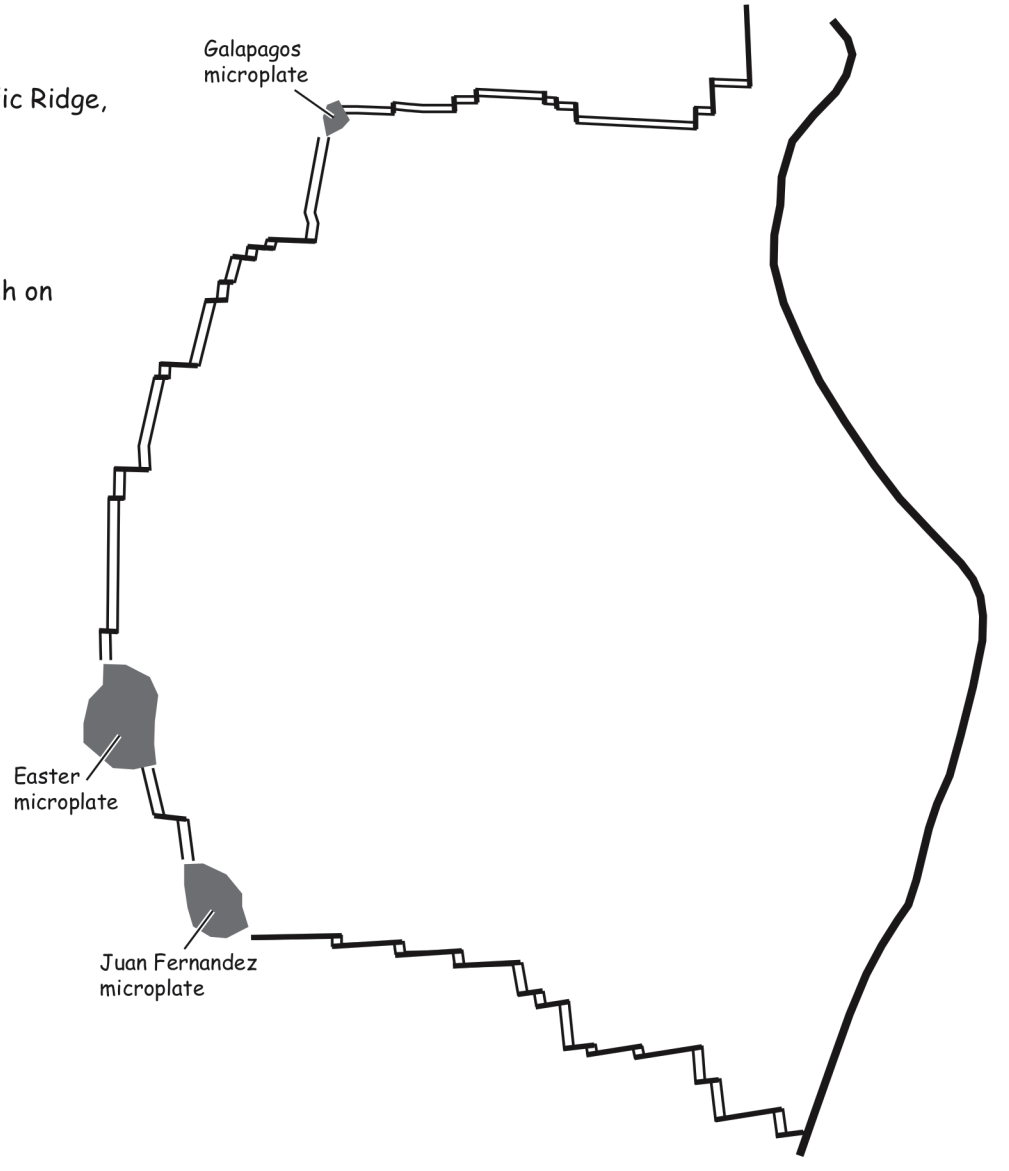
right-lateral **transform fault**

left-lateral **transform fault**

leader, used for labels



arrow, used for velocity vectors or to indicate motion



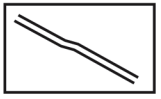
Name (PRINT legibly, please) _____

NEATLY--

1. Label the plates: Nazca, South America, Antarctica
2. Label the Nazca-Antarctic Ridge and the trench
3. Draw barbs along the trench
4. Indicate relative motion across plate boundaries

- Draw arrows on both side of axial rifts along the mid-ocean ridge
- Draw half-arrow pairs along the longer transform faults
- Draw arrows on both sides of the trench

Explanation



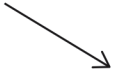
axial rift

trench, with barbs on the upper plate

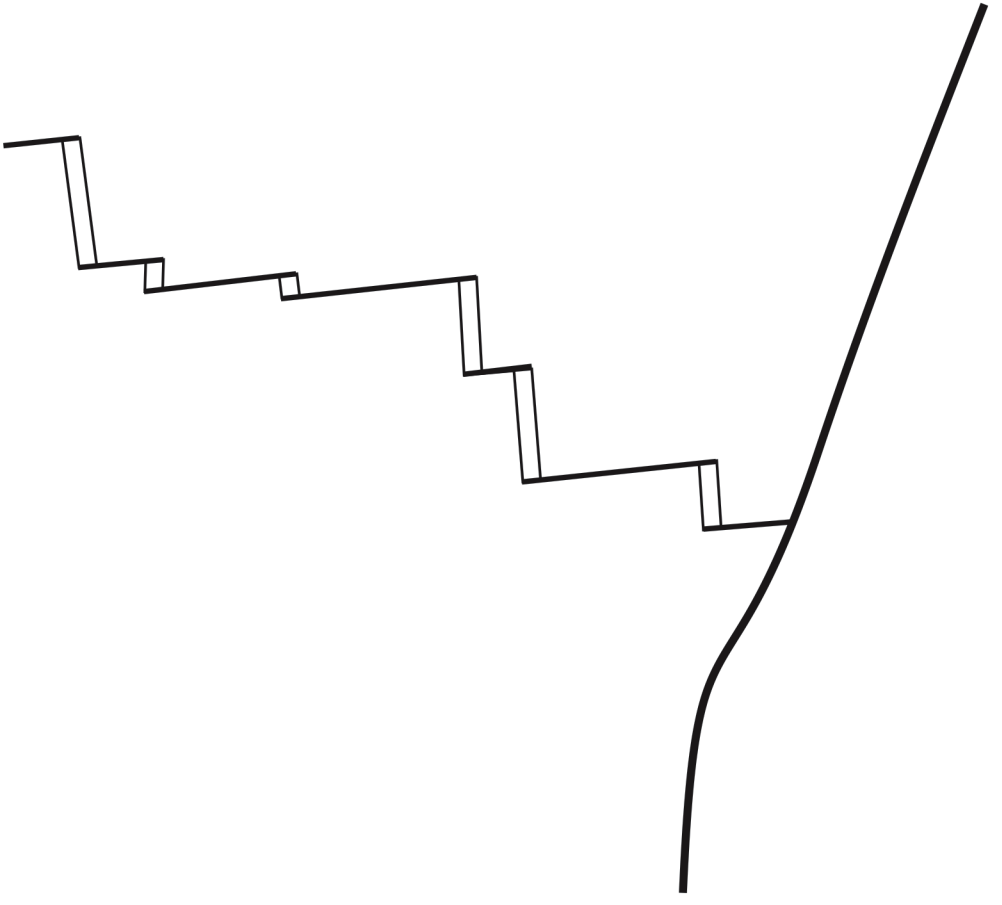
right-lateral **transform fault**

left-lateral **transform fault**

leader, used for labels



arrow, used for velocity vectors or to indicate motion



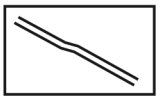
Name (PRINT legibly, please) _____

NEATLY--

1. Label the plates: North America, Eurasia, Africa, South America, Caribbean, Cocos, Rivera, Pacific, Juan de Fuca
2. Label the Atlantic Ridge, Arctic Ridge, Aleutian Trench, Cascadia Trench, Middle American Trench, Queen Charlotte Fault, San Andreas Fault system
3. Draw barbs along the trench
4. Indicate relative motion across plate boundaries

- Draw arrows on both side of axial rifts along the mid-ocean ridge
- Draw half-arrow pairs along the longer transform faults
- Draw arrows on both sides of the trench

Explanation



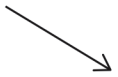
axial rift

trench, with barbs on the upper plate

right-lateral **transform fault**

left-lateral **transform fault**

leader, used for labels



arrow, used for velocity vectors or to indicate motion

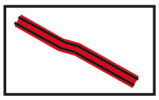
Name (PRINT legibly, please) _____

NEATLY--

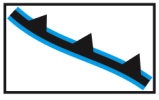
1. Label the plates: North America, Eurasia, Africa, South America, Caribbean, Cocos, Rivera, Pacific, Juan de Fuca
2. Label the Atlantic Ridge, Arctic Ridge, Aleutian Trench, Cascadia Trench, Middle American Trench, Queen Charlotte Fault, San Andreas Fault system
3. Draw barbs along the trench
4. Indicate relative motion across plate boundaries

- Draw arrows on both side of axial rifts along the mid-ocean ridge
- Draw half-arrow pairs along the longer transform faults
- Draw arrows on both sides of the trench

Explanation



axial rift

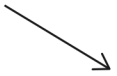


trench, with barbs on the upper plate

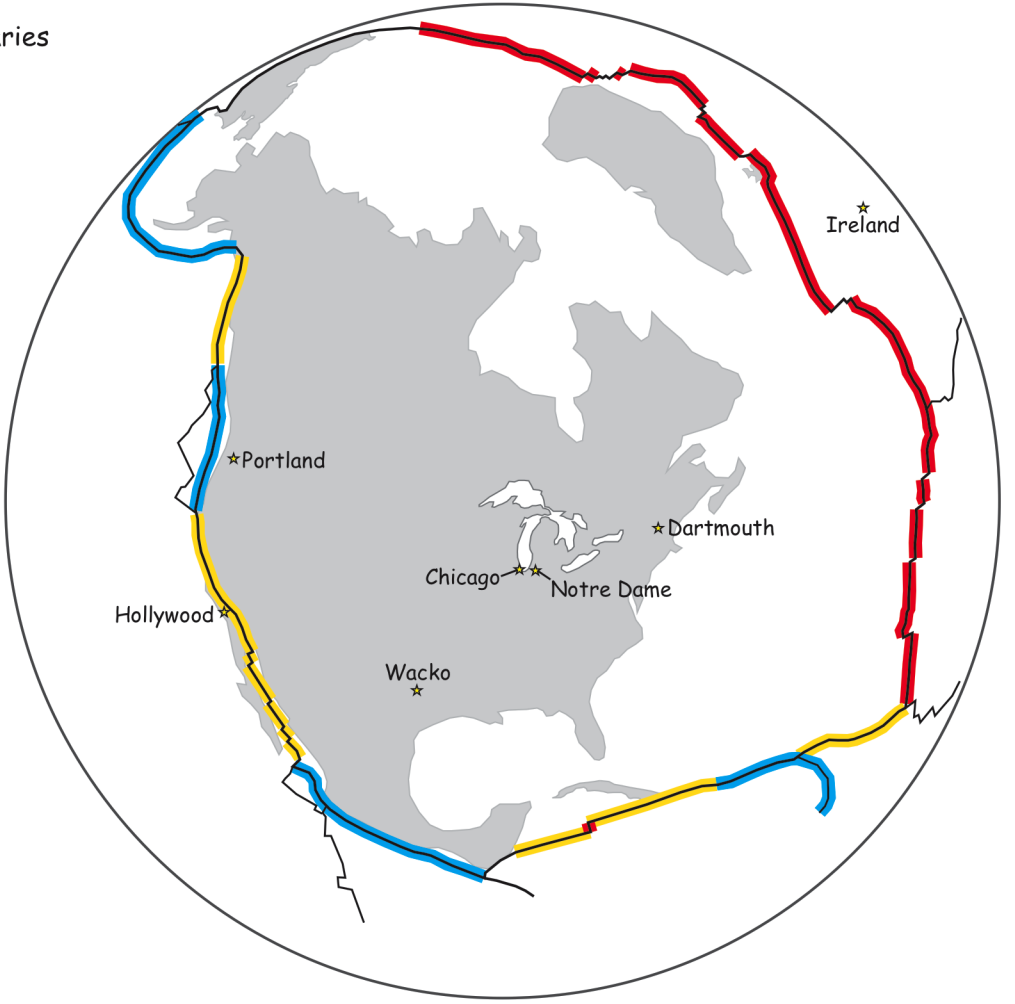
right-lateral **transform fault**

left-lateral **transform fault**

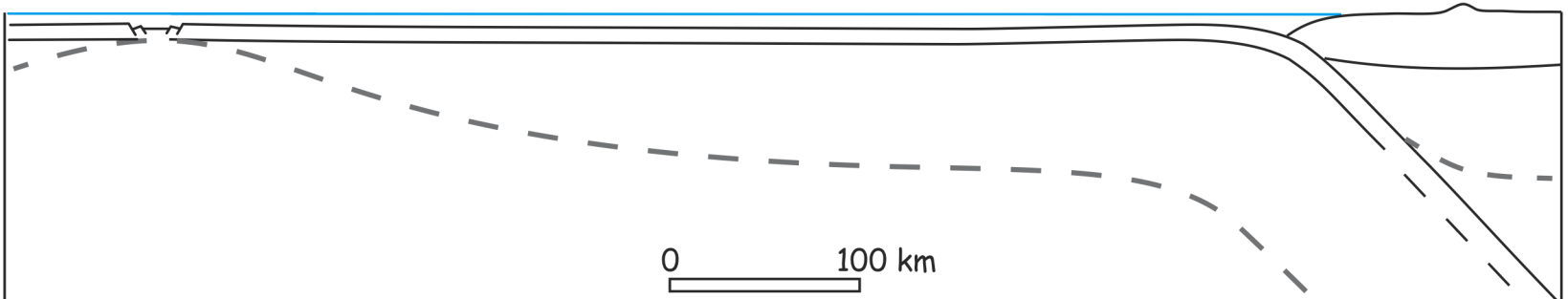
leader, used for labels



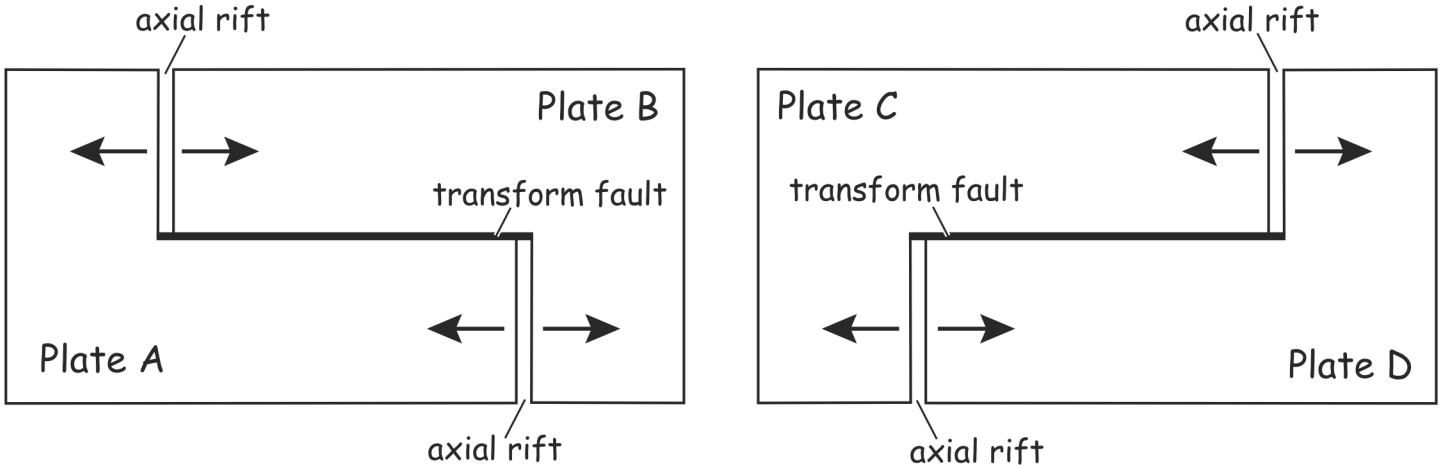
arrow, used for velocity vectors or to indicate motion



Name (PRINT legibly, please) _____



1. Label the following, using leaders if necessary: sea surface, sea floor, oceanic crust, continental crust, lithospheric upper mantle, asthenospheric upper mantle, mid-ocean ridge, trench, subducting slab, volcano. With a curly bracket, indicate a convergent and a divergent plate boundary.
2. Using arrows, indicate the sense of relative motion across the plate boundaries.



Using half-arrow pairs, indicate the sense of relative motion across the transform fault plate boundaries.