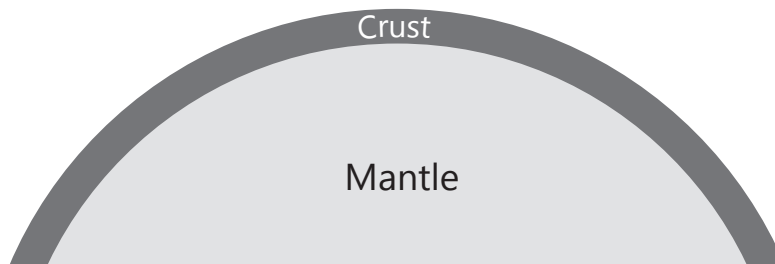


PLATE TECTONICS PUZZLE

The Earth is divided into several layers. The surface layer we live on is called the crust, which sits on top of a lower layer called the mantle. Together, the crust and top part of the mantle make up the Earth's tectonic plates, which fit together like puzzle pieces.



There are many forces which drive plate movement in the Earth. The places where tectonic plates meet are called plate boundaries.

Volcanic eruptions and earthquakes often happen at plate boundaries. Islands, mountain ranges, and deep ocean trenches also form at these boundaries.



There are 15 different tectonic plates:

1. Caribbean plate
2. Cocos plate
3. Nazca plate
4. Juan de Fuca plate
5. North American plate
6. Pacific plate
7. Philippine plate
8. Arabian plate
9. Eurasian plate
10. Australian plate
11. Antarctic plate
12. Scotia plate
13. South American plate
14. African plate
15. Indian plate

Refer to these numbers and names when you are completing your plate tectonics puzzle.

Use this space to create your
world map of tectonic plates



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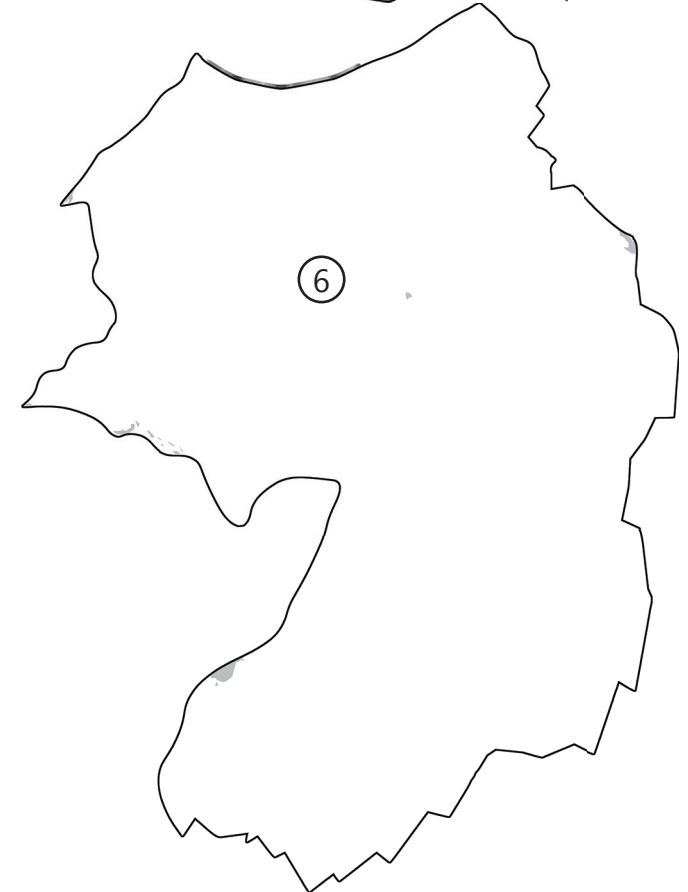
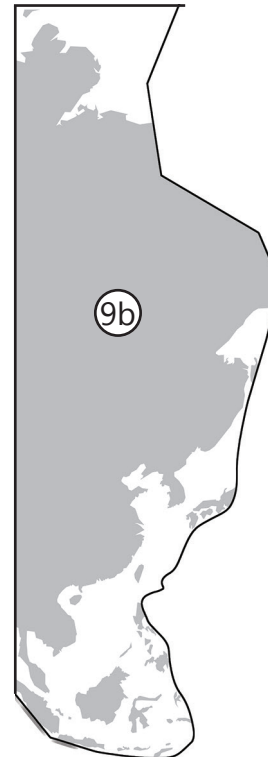
Supplies Needed: scissors, tape
or glue stick, colored pencils or
markers or crayons



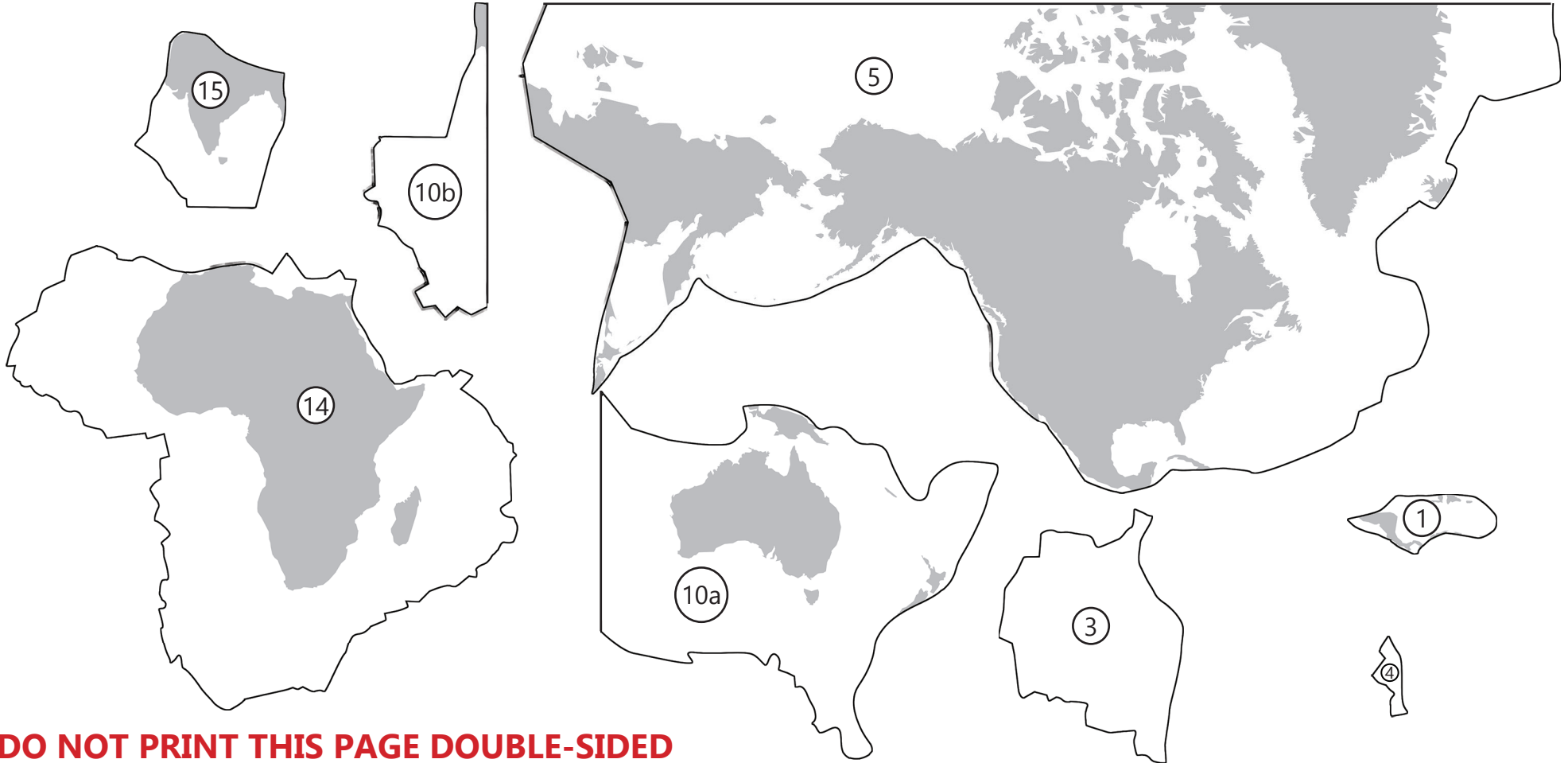
Instructions:

1. Color each tectonic plate a different color.
2. Cut along the black outlines to cut out the different tectonic plates.
3. Arrange and then paste the plates on the blank page to create a world map.

Hint: Use the land masses and the shape of each plate to fit the plates together.



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