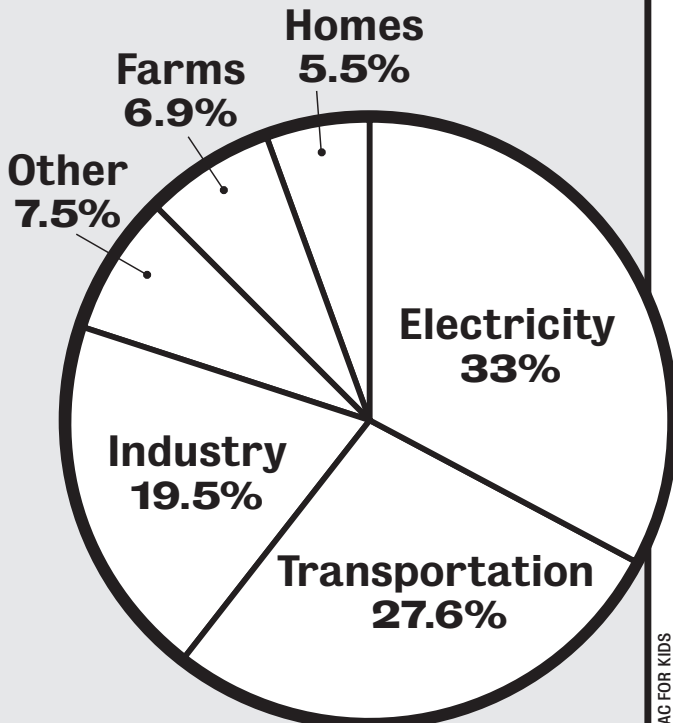


Name: _____

Greenhouse Gases

Scientists say increased greenhouse gases are a major contributor to global warming. These are gases in the Earth's atmosphere that trap the sun's heat (in the same way a greenhouse traps heat). These gases occur naturally and are important to Earth. But the burning of fossil fuels—like coal, natural gas, and oil—increases the amount of greenhouse gases in the atmosphere, making it hotter. Many power plants burn coal to create electricity. Many people burn oil to heat their homes and use gasoline, which is made from oil, to power their cars. The graph below shows where greenhouse gases in the U.S. come from. Use it to answer the questions.

Where Greenhouse Gases in the U.S. Come From (2004)



SOURCE: 2008 WORLD ALMANAC FOR KIDS

1. According to the graph, what percent of greenhouse gases comes from U.S. farms?
 Ⓐ 5.5% Ⓒ 7.5%
 Ⓑ 6.9% Ⓓ 9.5%
2. More than one quarter of greenhouse gases in the U.S. come from ____.
 Ⓐ farms Ⓒ transportation
 Ⓑ industry Ⓓ homes
3. About one third of greenhouse gases in the U.S. come from ____.
 Ⓐ electricity Ⓒ transportation
 Ⓑ farms Ⓓ homes
4. Electricity in the U.S. contributes ____ percentage points more to greenhouse gases than homes in the U.S. do.
 Ⓐ 25.5 Ⓒ 27
 Ⓑ 26.1 Ⓓ 27.5
5. Saving energy is one way to cut down on the buildup of greenhouse gases in the atmosphere. On the lines below, describe some simple things you can do to cut down on energy you use at home and at school.

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