

Name:

Date:

Class:

Everyday Exposure Worksheet **Answer Key**

Instructions

1. List three sources of pollution that you encounter in your daily life, such as vehicles and cleaning products.
2. Record the likely pollutants associated with these sources, such as CO₂, NO₂, VOCs, CO, and particulate matter. As needed, refer to the lesson vocabulary list.
3. Rank these three sources from 1 to 3, with 1 being the least total emission exposure and 3 being the most total emissions exposure.
4. Explain your reasoning for the ranking you assigned.

Source #1 **vehicles**

Pollutants: carbon dioxide, volatile organic compounds, nitrogen dioxide, particulate matter

Rank: 3

**Answers will vary
Example answers**

Source #2 **cleaning products**

Pollutants: volatile organic compounds

Rank: 1

Source #3 **cooking emissions**

Pollutants: carbon dioxide, volatile organic compounds, particulate matter

Rank: 2

Rationale: Why do you think each source ranks where you listed it?

Example answer: I think cleaning products lead to the least emissions in my daily life, because I do not use them every day. I rank cooking next because my home is well ventilated so I would predict that my exposure to those emissions is fairly low. But, I have a long commute every day in high-volume traffic, so I rank vehicles as the highest total emissions exposure in my daily life.