

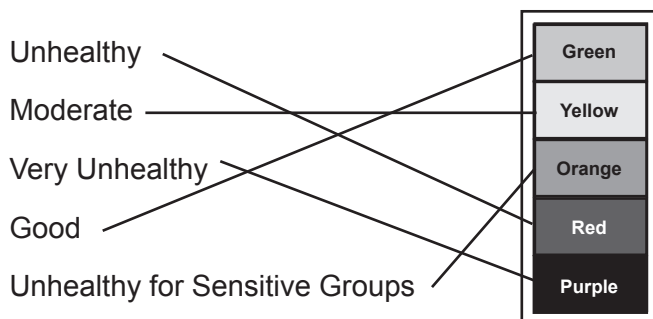


# Interpreting the AQI

1. In your own words, define what the AQI is and how it is measured.

*The Air Quality Index is a tool for easily communicating how clean outdoor air is. It is measured by levels of particles, ground-level ozone, carbon monoxide, sulfur dioxide, and nitrogen dioxide detected hourly.*

2. Draw a line connecting the air quality to the color.



Fill in the blanks.

3. The AQI is 299 today. What AQI color will that be? purple
4. The AQI is 120 today. What color is that on the AQI? orange
5. The AQI is 151 today. What color is that on the AQI? red
6. The AQI is 25 today. What color is that on the AQI? green
7. The AQI is 75 today. Which color is that on the AQI? yellow

Answer the following:

8. The AQI is green. What health advice would you give someone?

*Air pollution poses little risk.*

9. The AQI is red. What health advice would you give someone?

*Stay indoors, especially if you are a member of a sensitive group.*

10. The AQI is orange. What health advice would you give someone?

*People with asthma, lung disease, or heart disease; young people; the elderly; and people who work or exercise strenuously outdoors should avoid outdoor activities.*

11. What questions do you have about the AQI?

*Answers will vary.*

## AQI COLOR, CATEGORY & VALUE

**GREEN:**  
Good  
1-50

**YELLOW:**  
Moderate  
51-100

**ORANGE:**  
Unhealthy  
For Sensitive  
Groups  
101-150

**RED:**  
Unhealthy  
151-200

**PURPLE:**  
Very  
Unhealthy  
201-300