

Using the information on pages 8–9 of the book, fill in the blanks with the name of the environmental engineering firm in each location. Use information found in the book and research online to briefly explain why each firm is important or unique.



①

②

③

④



Using information found in the book, name each tool shown below and describe how it is used.

**Name**

**Description**



## True or False

Follow the instructions to complete the activity.

NAME

DATE

Using the information in *Environmental Engineer*, verify whether the following information is true or false. Check your answers in the book. List the page number where you found your information beside your answer.

**Statement 1**

Environmental engineers work for a wide range of companies and organizations. Most work for architecture firms or engineering firms.

- True  
 False

Page  
Number

**Statement 2**

The state with the highest number of environmental engineers is New York.

- True  
 False

Page  
Number

**Statement 3**

An environmental engineer who specializes in water resources might work with foresters or firefighters.

- True  
 False

Page  
Number

**Statement 4**

Many environmental engineers work directly with large companies.

- True  
 False

Page  
Number

**Statement 5**

More than 80,000 environmental engineers work in the United States.

- True  
 False

Page  
Number



## Fill in the Blanks

Follow the instructions to complete the activity.

NAME

DATE

Use the information found in *Environmental Engineer* to help you complete the following activity.

1. Environmental engineers are often required to test the  levels of water, soil, and air.
2. Sediment samples can be used to gauge the  levels in waterways.
3. For a long time, water  was reversed by adding harsh chemicals.
4. Environmental engineers have been around since  itself began.
5. Environmental engineers use radiation detectors in areas where  materials may be present.
6. In 2012, two French engineers embarked on a journey through Europe to prove the viability of the  car.



Using information from the book, select an answer from the right and write its letter in the box beside the statement to which it refers.

The electricity used to operate an EV is about this percentage cheaper than gasoline.

**A. 89**

About this percentage of environmental engineers are employed in full-time jobs.

**B. 33**

More than this percentage of environmental engineers are male.

**C. 42.4**

A gas-powered vehicle emits about this many tons of carbon dioxide every year.

**D. 70**

This is the average age of an environmental engineer.

**E. 5**



# Key Words Match-Up

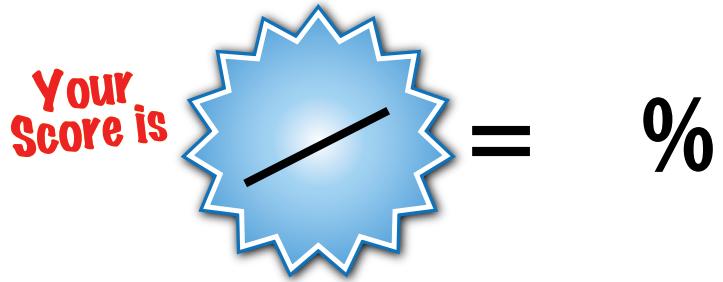
Write the words from the list below in the box above the correct definition for each word.

NAME

DATE

## KEY WORDS

archaeologists	data
bachelor's degree	laboratories
biology	organisms
climate change	sector
contamination	sewage



- rooms designed for scientific experiments
- people who study past peoples through their artifacts
- an area of the economy
- the first level of a college program of study
- wastewater from homes and businesses

- impurities because of pollution
- any living thing
- the study of plants and animals
- a long-term change in average weather patterns
- facts about something, usually number-related



## Quiz

Test your knowledge by answering these quiz questions. .

NAME

DATE

**1**

What is a carbon footprint?

**2**

What type of engineer works to reduce health risks in settings such as workplaces?

**3**

What tool do environmental engineers use to see if a water supply contains dangerous chemicals?

**4**

What is a brownfield?

**5**

What is the first step of the scientific method?

**6**

What does STEM stand for?

**7**

What did ancient Hindu peoples add to their water to make it safe for drinking?

**8**

What is an environmental engineer's salary based on?

**9**

What high school subjects should people take if they want to be environmental engineers?

**10**

What does the acronym ABET stand for?

