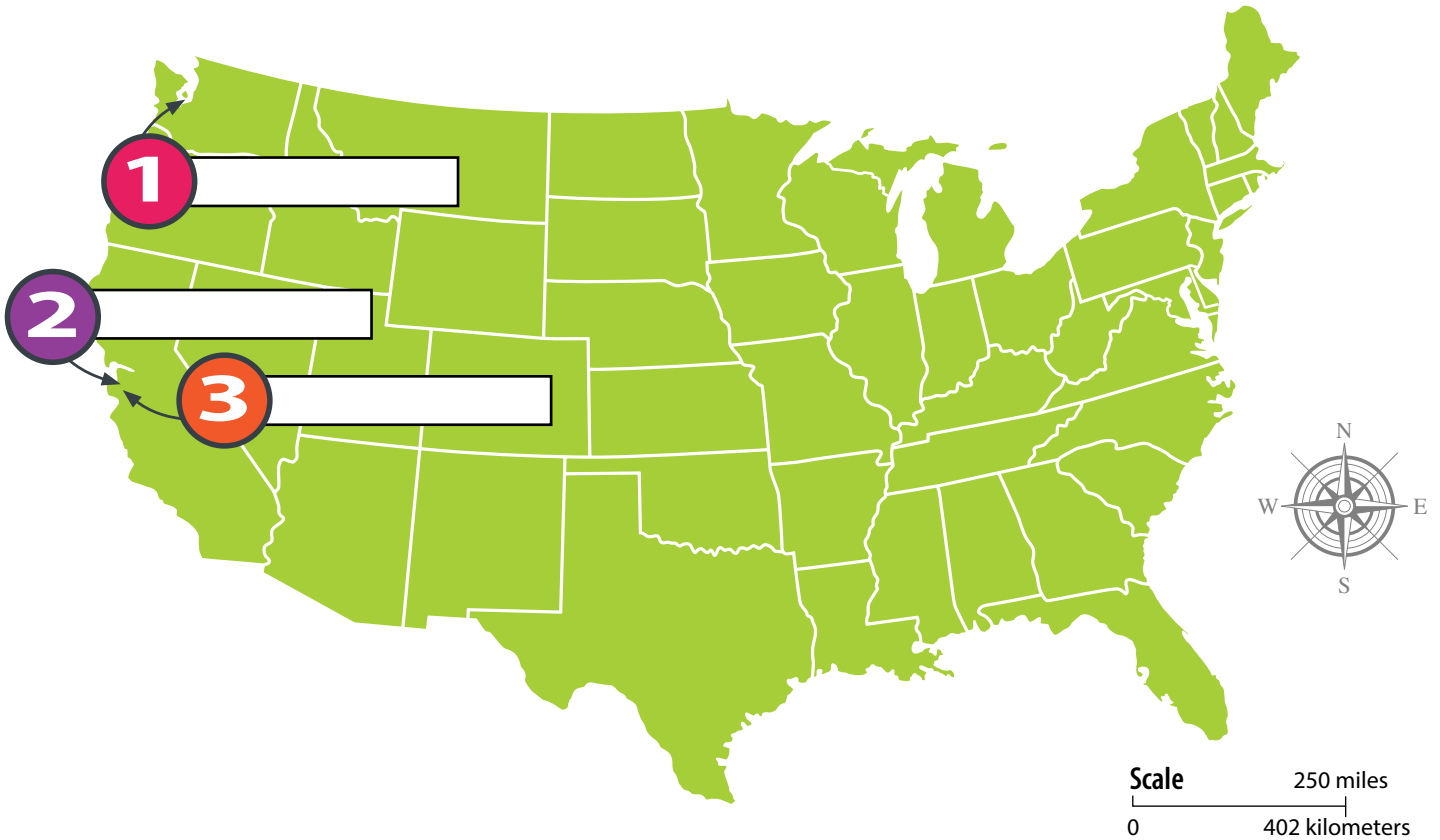# Map Activity
Follow the instructions to complete the activity.

NAME

DATE

Using the information on page 9 of the book, fill in the blanks with the name of the video game company in each location. Use information found in the book and research online to briefly explain why each location is important or unique.
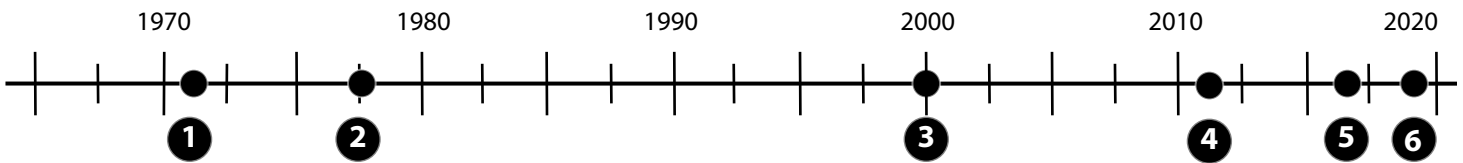
1

2

3

Scale

0

250 miles

402 kilometers

1

2

3

Number the events below in the order they would appear on the timeline. Write the number in the box beside each event.

1970   1980   1990   2000   2010   2020

1   **2**   **3**   **4**   **5**   **6**

Fortnite has approximately 250 million players worldwide. It is one of the most popular games ever made. ☐

Sony's PlayStation 2 is released. It is still the bestselling game system today, with more than 154 million sold. ☐

Starting this year, early at-home video game consoles, Atari and Intellivision, are released. ☐

Pong, a simple table tennis video game, is created. ☐

The Nintendo Switch is released. It can change from a handheld device to a television-connected console. ☐

Candy Crush, a puzzle game, is released and becomes one of the most popular games in the App Store. 93 million people played at its peak popularity. ☐

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LIGHTB◆X
LEARNING

True or False
Follow the instructions to complete the activity.

NAME

DATE

Using the information in *Video Game Designers*, 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

The Electronic Delay Storage Automatic Calculator (EDSAC) was built by scientists at the University of Paris in France.

☐ True
☐ False

Page Number ☐

Statement 2

Only one person, a man named John Kirby, has beaten the game *Pac-Man*.

☐ True
☐ False

Page Number ☐

Statement 3

Motion capture markers are positioned on parts of the body that move and bend, such as elbows, knees, and hands, as well as the face.

☐ True
☐ False

Page Number ☐

Statement 4

Motion capture markers are positioned on parts of the body that move and bend, such as elbows, knees, and hands, as well as the face.

☐ True
☐ False

Page Number ☐

Statement 5

To create a character's look and actions, a designer works with artists, animators, and coders.

☐ True
☐ False

Page Number ☐

AV2 NONFICTION

Activities

Fill in the Blanks
Follow the instructions to complete the activity.

NAME

DATE

Use the information found in *Video Game Designers* to help you complete the following activity.

1. Video game designer Jaakko Iisalo created the mobile app game *Angry Birds*. His game has now been adapted into two _____ .

2. _____ artists use a concept artist's ideas to create a world for a game.

3. A sound engineer uses a _____ to work on the music for a video game.

4. As a child, video game designer Satoshi Tajiri's hobby was collecting _____ to study them.

5. Video games with multiple _____ can take anywhere from one to three years to create.

6. Most video game writers also develop the _____ , or words, for a game's characters.

Know Your Numbers
Follow the instructions to complete the activity.

NAME

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Using information from the book, select an answer from the right and write its letter in the box beside the correct statement.

| In 2018, the video game industry was worth this many billion dollars. | ☐ | **A. 13,000** |

| It is estimated that the virtual reality market will be worth this many billion dollars by 2027. | ☐ | **B. 5** |

| It is possible for one person working alone to create a successful video game. Some games, however, are created by teams of up to this many people. | ☐ | **C. 135** |

| In 1982, there were this many arcades in the United States. | ☐ | **D. 101** |

| The NIMROD computer was this many feet tall. | ☐ | **E. 1,000** |

Video Game Designer Quiz

Test your knowledge by answering these quiz questions.

NAME

DATE

1 What kind of game is *World of Warcraft*?

2 What does a virtual reality game make the player feel like?

3 How long can a video game with multiple levels take to create?

4 What do sound engineers do?

5 What do environmental artists do?

6 Which popular puzzle game was released in 2012?

7 What is the highest-grossing video game series?

8 Who is the only person who has beaten *Pac-Man*?

9 What is the animation process where a real person is used to accurately portray motion and emotion?

10 What was the first video game called?

Key Words Match-Up

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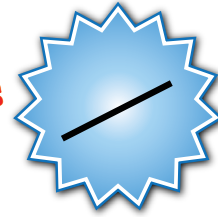
NAME

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KEY WORDS

animation	levels
avatar	objectives
coders	sound effects
industry	strategy
inspiration	three-dimensional (3D)

Your Score is

%

_____

1. [ ]

a source of ideas

2. [ ]

a technique that makes drawings, computer images, or 3D models move in a video game or movie

3. [ ]

a plan of action that helps a player win a game

4. [ ]

having or appearing to have height, width, and depth

5. [ ]

computer experts who write the code for video games

6. [ ]

goals to reach or challenges to overcome

7. [ ]

in video games, environments or stages that the player tries to complete

8. [ ]

the businesses and companies that produce and sell a particular product

9. [ ]

an icon or character figure that represents a player in a video game

10. [ ]

a sound, other than music or voices, that is artificially created for a video game, movie, or TV show

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LIGHTBOX LEARNING