

World War II Submarines

America entered World War II after the Japanese attacked Pearl Harbor. Since the attack was a complete surprise, it destroyed most of the American warships there.

Japan is an island in the Pacific Ocean. It has few natural resources. All of its fuel came by ship. So did all the materials needed to build planes, ships, and submarines for the war.

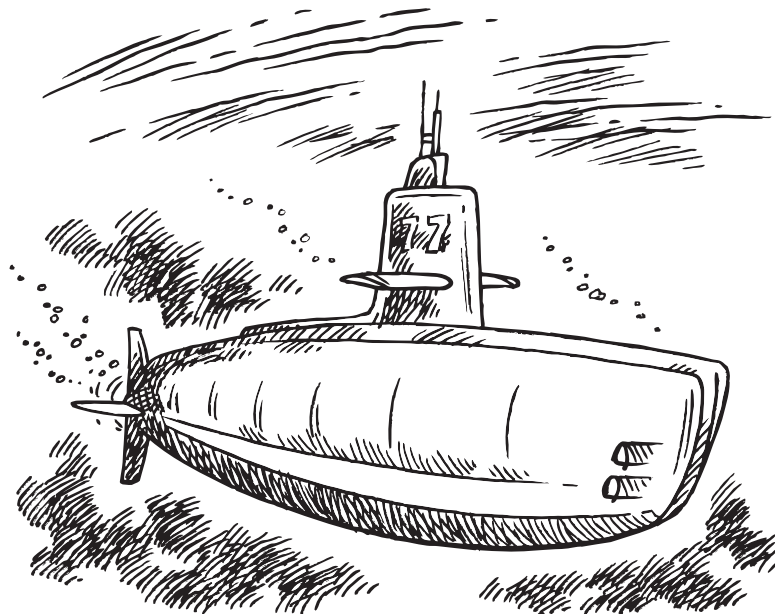
Of course, Americans did not want the Japanese to get fuel or supplies. Yet for the first months of the war, the U.S. only had submarines that were able to fight. So the subs were sent to sink the ships carrying goods to Japan. They did an amazing job. Even though subs had less than 2% of the Navy's **manpower**, they caused more than half of Japan's shipping losses: 5.3 million tons of materials and fuel.

U.S. subs also gathered information. Later in the war, they rescued American pilots who had their planes shot down over the ocean. The first President George Bush was one of the Navy pilots saved in this way.

Life on a submarine was not easy. The air was stuffy. It was crowded. There was no place to be alone. In the main aisle of the sub, each man had to frequently pause while someone squeezed past. Each person's bunk was barely big enough to lie down on. Serving on a sub was scary, too. If an enemy discovered a sub, the sailors had to shut down its engines and hope that the depth charges fired on them would miss.

Due to the many hardships, everyone on a sub was a volunteer. Before going down, these men had to pass a lot of physical and mental testing. They had to convince doctors that they wouldn't crack under the pressure of being thousands of feet below water with no chance for escape or rescue.

Many men on subs lost their lives in World War II. More than 3,600 Americans lie in watery graves where their submarines sank.



World War II Submarines (cont.)

Comprehension Questions

1. **The Japanese needed supply ships because . . .**
 - a. the ships were so reliable and always delivered all of the goods.
 - b. they didn't have the money to develop their own resources.
 - c. it was cheap to import fuel.
 - d. they didn't have the supplies on their own island.
2. **On a historical time line, what happened second?**
 - a. U.S. subs picked up downed American pilots.
 - b. U.S. subs attacked supply ships.
 - c. The Japanese lost World War II.
 - d. The Japanese attacked Pearl Harbor.
3. **Why are so many submariners on the bottom of the ocean instead of in a cemetery?**
 - a. Their families didn't want their bodies returned to them.
 - b. They asked to be buried at sea.
 - c. It was too difficult to find them and bring them back to the surface.
 - d. People in wars aren't buried; their bodies are left lying wherever they die.
4. **Manpower means . . .**
 - a. the number of men minus the number of women.
 - b. something that works when people push it.
 - c. the number of people working.
 - d. having a manual instead of an automatic transmission.
5. **Why did each submariner have to go through so much testing?**
 - a. to be sure the man could stay calm under high stress and fear
 - b. to keep out men who didn't like swimming
 - c. to know which men truly wanted to volunteer
 - d. to keep out men who came from small families
6. **Picture a World War II submarine under water. How can the captain best see what is happening on the surface?**
 - a. only by bringing the submarine up to the surface
 - b. by having some men swim to the surface
 - c. by opening a hatch
 - d. by using a periscope
7. **Would you have volunteered to serve on a World War II submarine? Explain.**

Answer Key (cont.)

1. Connecticut
2. Massachusetts
3. New Hampshire
4. Rhode Island

Middle Colonies

1. Delaware
2. New Jersey
3. New York
4. Pennsylvania

Southern Colonies

1. Georgia
2. Maryland
3. North Carolina
4. South Carolina
5. Virginia

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1. d
2. a
3. c
4. b
5. c
6. b
7. b
8. a
9. c
10. a

Page 177

1. d
2. a
3. c
4. d
5. b
6. d
7. c
8. c
9. a
10. c

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1. b
2. d
3. c
4. a
5. b
6. d
7. Accept reasonable

answers.

Page 181

1. a
2. b
3. c
4. a
5. d
6. d
7. c
8. d
9. b
10. a

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1. Oregon Trail, California Trail, Mormon Trail, Santa Fe Trail, Old Spanish Trail, and the Gila River Trail

2. Independence, Missouri
3. California and Oregon
4. Nauvoo, Illinois
5. Salt Lake City, Utah
6. Old Spanish Trail
7. Gila River Trail
8. Oregon Trail or Oregon-California Trail
9. Rocky Mountains and Sierra Nevada
10. Gila River Trail and Old Spanish Trail
11. California Trail
12. Oregon Trail
13. California Trail
14. Oregon Trail and Mormon Trail

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1. Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming
2. Idaho, Oregon, and Washington
3. Arkansas, Colorado, Iowa, Kansas, Louisiana, Minnesota, Missouri, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, and Wyoming
4. Alabama, Florida, and Mississippi

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1. California, Nebraska, Nevada, Utah, and Wyoming
2. Cheyenne, North Platte, Ogden, Omaha, Promontory Point, Sacramento, and San Francisco
3. Arizona, California, Louisiana, New Mexico, and Texas
4. El Paso, Los Angeles, New Orleans, Tucson, and Yuma

5. Idaho, Minnesota, Montana, North Dakota, Oregon, and Washington
6. Arizona, California, Colorado, Illinois, Kansas, Missouri, and New Mexico
7. Louisiana, Texas, and New Mexico

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1. soddy
2. corn dodgers
3. forty-niners
4. chips
5. emigrants
6. ague
7. rustlers
8. schooner

Page 187

1. a
2. c
3. d
4. b

Page 189

1. b
2. a
3. c
4. d
5. b
6. c

Page 191

1. d
2. b
3. c
4. c
5. a
6. d
7. Accept well-supported answers.

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1. It had unbelievable destructive power; it is awesome.
2. Secretary of War
3. He wanted to use the atomic bomb.
4. The Japanese ignored the warnings.
5. He believed it would save the lives of American soldiers.
6. Hiroshima and Nagasaki
7. Accept reasonable answers

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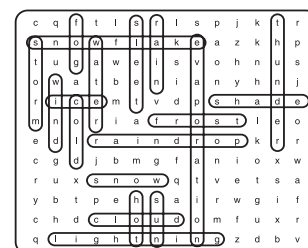
- Accept reasonable

answers.

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- Fact 1:* Colombia, rain
Fact 2: desert, driest, Andes Mountains, Chile
Fact 3: both, countries, continent, west coast, South America
Fact 4: dangerous, hurricanes, September

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1. d
2. b
3. a
4. c
5. d
6. a
7. Accept well-supported answers.

Page 199

1. a
2. c
3. d
4. b
5. b
6. d

Page 200

1. a
2. c
3. b
4. c

Page 201

1. blowing-bowing-owing, wing-win-in-l
2. torn, ad, do OR to, or, do
4. wind-wand-want-wart-warm (or any other acceptable solution)

Page 203

1. c
2. a
3. d
4. c
5. a