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Grade 5, Unit 4, Section C: Additional Practice Problems **KEY**

1. Sample response: about 120,000 since $62=12$ and there are close to 6,000 students each filling 20 ounces of water

- 2.

a. Death Valley National Park 5,270 square miles

• 40 miles by 50 miles

b. Glacier National Park: 1,583 square miles

• 54 miles by 63 miles

• 89 miles by 92 miles

c. Yellowstone National Park: 3,471 square miles

• 138 miles by 36 miles

3. a. D; Sample response: 1920 cubic feet is about 2000, and 24 feet long, 8 feet wide, 10 feet tall is about 24 feet by 10 feet by 10 feet, which has a volume of $24 \times 10 \times 10 = 2400$ cubic feet.

b. A; Sample response: 36 times 1920 cubic feet is about $36 \times 2000 = 72,000$. A storage facility that is 75 feet long, 26 feet wide, and 42 feet tall has a capacity of about $80 \times 25 \times 40 = 80,000$ cubic feet.

4. EXPLORATION

a. about 49 times

b. Sample answer: about 2000 seconds because $40 \times 50 = 2,000$

c. Answers will vary.

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