

Day 11 Worksheet

1. A recipe calls for 6 quarts of water. How many gallons is that?

- (A) 1 gallon
- (B) $1\frac{1}{2}$ gallons
- (C) 2 gallons
- (D) $2\frac{1}{2}$ gallons

2. Another recipe calls for 5 cups of milk. How many pints is that?

- (A) $2\frac{1}{2}$ pints
- (B) $1\frac{1}{4}$ pints
- (C) $2\frac{1}{4}$ pints
- (D) $1\frac{1}{2}$ pints

3. 1 liter = _____

- (A) 10 milliliters
- (B) 100 milliliters
- (C) 1000 milliliters
- (D) 0.1 milliliter

4. 4 gallons = _____

- (A) 40 cups
- (B) 8 quarts
- (C) 16 pints
- (D) 64 cups

5. 16 cups is equivalent to all of the following except _____.

- (A) 8 pints
- (B) 1 gallon
- (C) 4 quarts
- (D) 100 fluid ounces

6. $4 \text{ quarts} + 2 \text{ pints} =$ _____

- (A) 1 gallon + 1 quart
- (B) $1\frac{1}{2}$ gallons
- (C) 10 cups
- (D) 20 pints

7. A broken pipe in a factory is leaking water at the rate of 2 pints per hour. It leaks for 2 days before it can be repaired. How many gallons of water were lost because of the leak?

- (A) 96 gallons
- (B) 12 gallons
- (C) 4 gallons
- (D) 24 gallons

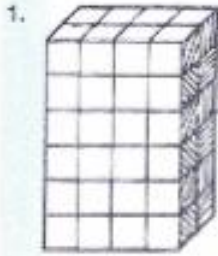
$$2 \times 24 = 48$$
$$48 \times 2 = 96 \text{ pints}$$
$$\sqrt{96}$$

8. Which of the following can hold the greatest amount of liquid?

- (A) a one-gallon jug
- (B) a one-pint measuring cup
- (C) a one-quart bucket
- (D) a one-liter bottle

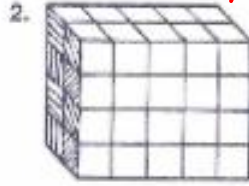
Understanding Volume

$4 \times 2 \times 6$



48

$5 \times 2 \times 4$

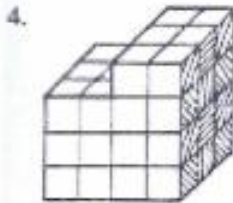


40

$3 \times 3 \times 4$



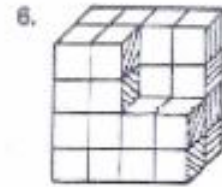
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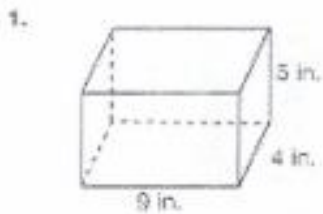
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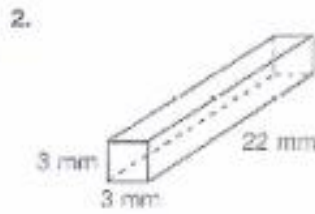
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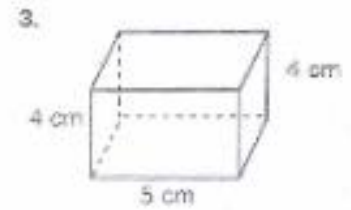
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Volume: 180 in^3



Volume: 198 mm^3



Volume: 80 cm^3
