



# Compare and convert customary units of capacity



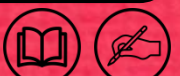
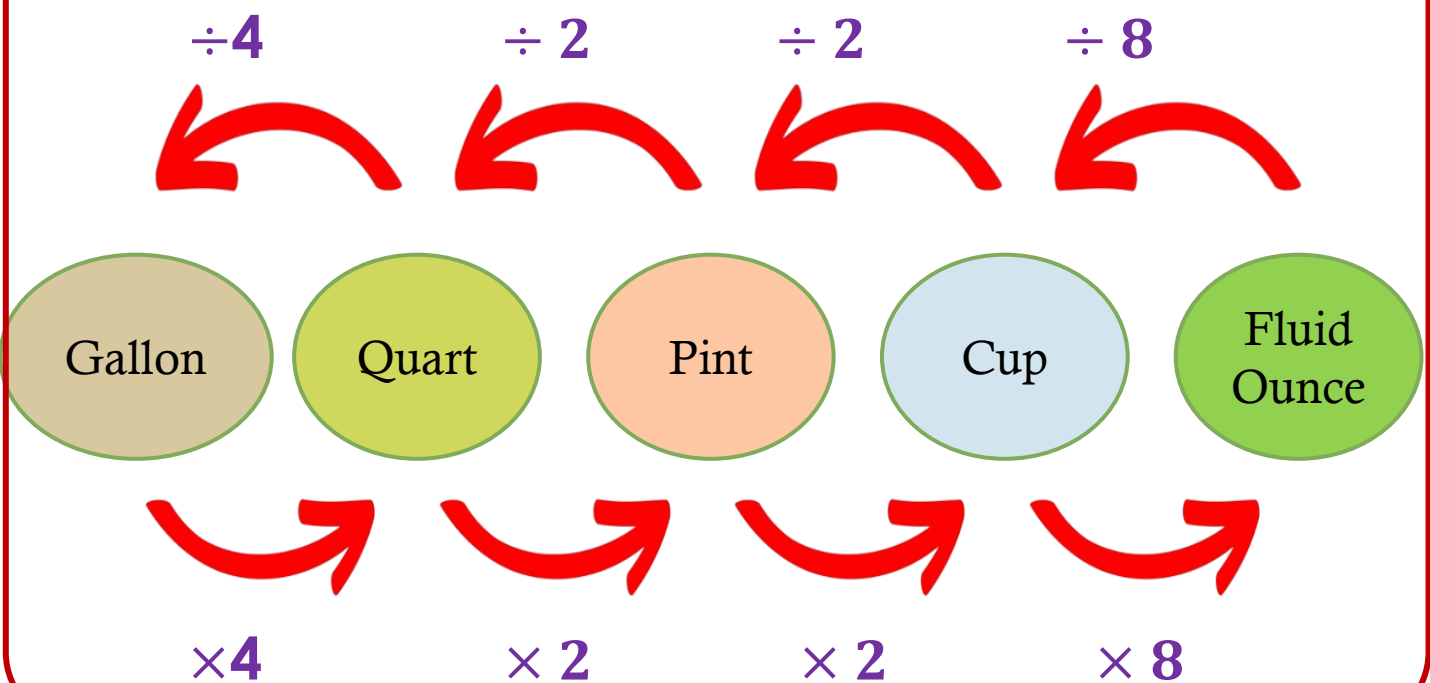


# Customary units for capacity

The customary units for capacity or volume are :

- ❖ fluid ounce
- ❖ cup
- ❖ pint
- ❖ quart
- ❖ gallon

## Customary units of capacity conversion





Customary unit

Customary Equivalent

1 fluid ounce

2 tablespoons

1 cup (c)

8 fluid ounces

1 pint (pt)

2 cups

1 quart (qt)

2 pints

1 gallon (gal)

2 quarts

**Example : 1**

4 quarts = \_\_\_\_\_ pints

Solution:

1 quart = 2 pints

4 quarts =  $4 \times 2$  pints

4 quarts = **8 pints**

**Example : 2**

6 pints = \_\_\_\_\_ quarts

Solution:

1 pint =  $\frac{1}{2}$  quarts

6 pints =  $6 \times \frac{1}{2}$  quarts

=  $\frac{6}{2}$  = **3 quarts**





**Example : 3**

$$3 \text{ pints} = \underline{\hspace{2cm}} \text{ cups}$$

**Solution:**

$$1 \text{ pint} = 2 \text{ cups}$$

$$3 \text{ pints} = 3 \times 2 \text{ cups}$$

$$3 \text{ pints} = 6 \text{ cups}$$

**Example : 4**

$$8 \text{ cups} = \underline{\hspace{2cm}} \text{ pints}$$

**Solution:**

$$1 \text{ cup} = \frac{1}{2} \text{ pints}$$

$$8 \text{ cups} = 8 \times \frac{1}{2} \text{ pints}$$

$$= \frac{8}{2} = 4 \text{ pints}$$

**Example : 7**

$$3 \text{ gallons} = \underline{\hspace{2cm}} \text{ quarts}$$

**Solution:**

$$1 \text{ gallon} = 2 \text{ quarts}$$

$$3 \text{ gallons} = 3 \times 2 \text{ quarts}$$

$$3 \text{ gallons} = 6 \text{ quarts}$$

**Example : 8**

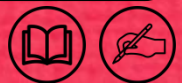
$$8 \text{ quarts} = \underline{\hspace{2cm}} \text{ gallons}$$

**Solution:**

$$1 \text{ quarts} = \frac{1}{2} \text{ gallons}$$

$$8 \text{ quarts} = 8 \times \frac{1}{2} \text{ gallons}$$

$$= \frac{8}{2} = 4 \text{ gallons}$$





### Example : 9

3 fluid ounce = \_\_\_\_\_ tablespoons

Solution:

1 fluid ounce = 2 tablespoons

3 fluid ounce =  $2 \times 3$  tablespoons

3 fluid ounce = 6 tablespoons

