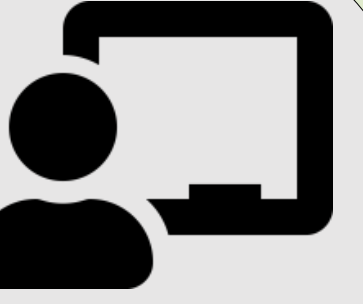


Compare and convert customary units of capacity





Customary units for Capacity

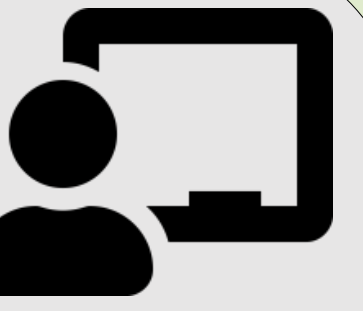


The customary units for capacity or volume are :

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



Customary units of capacity conversion



$\div 4$

$\div 2$

$\div 2$

$\div 8$



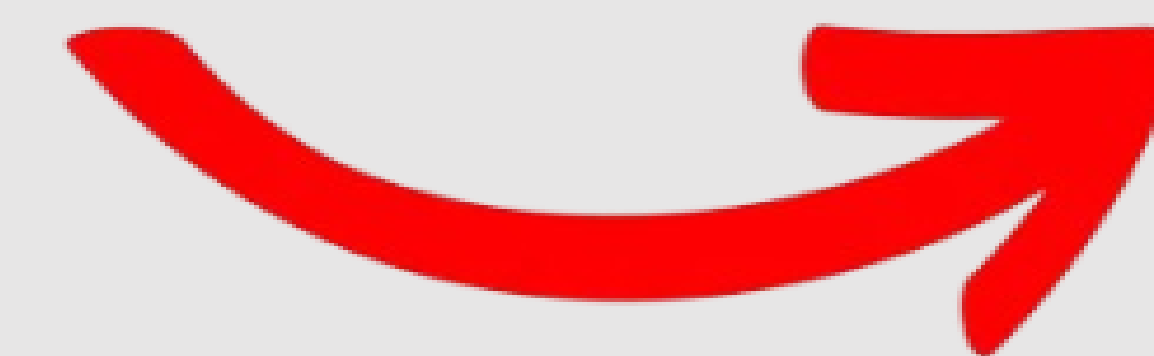
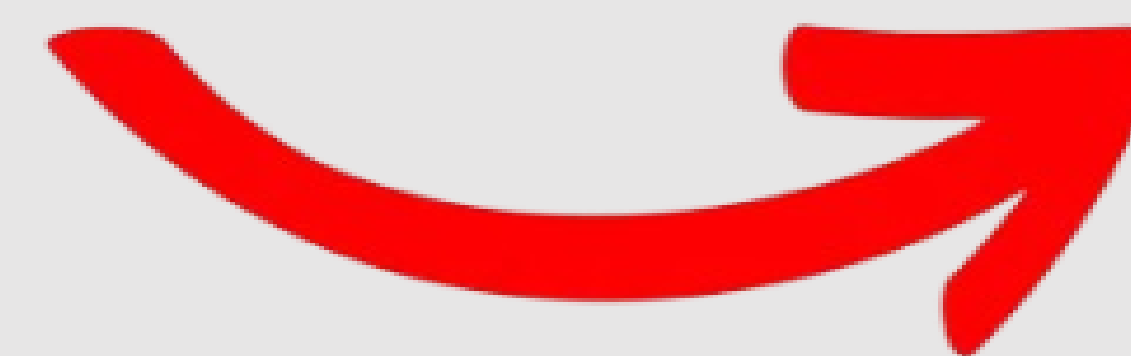
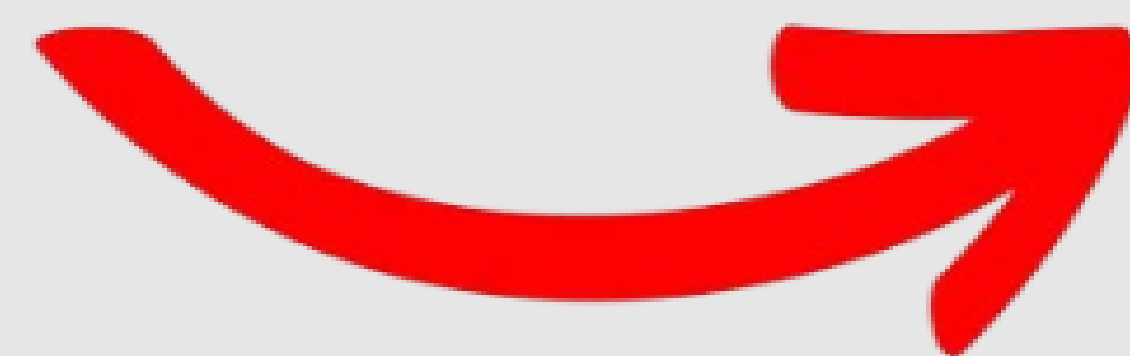
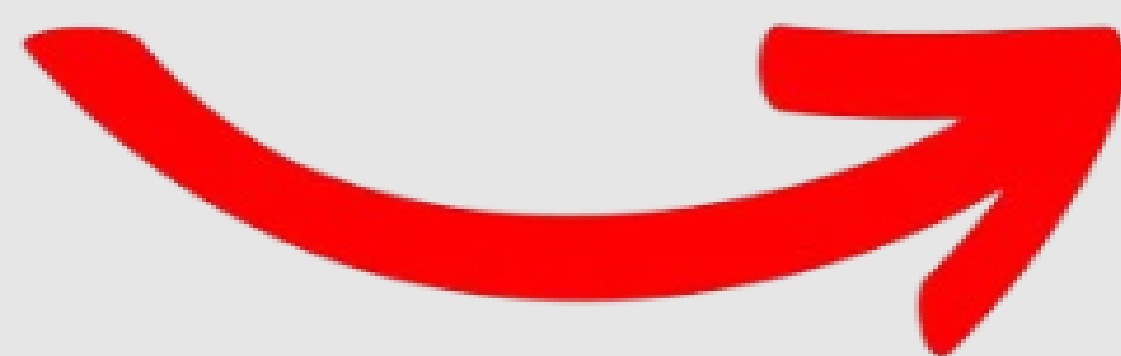
Gallon

Quart

Pint

Cup

Fluid
Ounce



$\times 4$

$\times 2$

$\times 2$

$\times 8$



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)	4 quarts



Example : 1

Solution:

$$4 \text{ quarts} = \underline{\hspace{2cm}} \text{ pints}$$

$$1 \text{ quart} = 2 \text{ pints}$$

$$4 \text{ quarts} = 4 \times 2 \text{ pints}$$

$$4 \text{ quarts} = 8 \text{ pints}$$

Example : 2

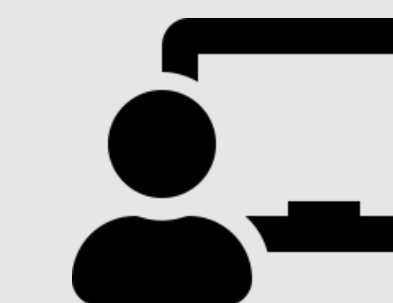
Solution:

$$6 \text{ pints} = \underline{\hspace{2cm}} \text{ quarts}$$

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

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

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





Example : 3

Solution:

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

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

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

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

Example : 4

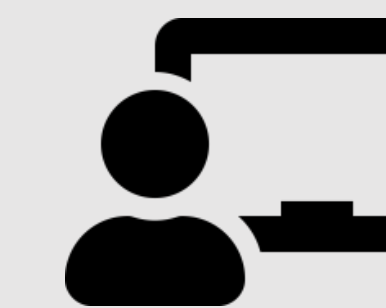
Solution:

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

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

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

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





Example : 5

Solution:

$$2 \text{ cups} = \underline{\hspace{2cm}} \text{ fluid Ounces}$$

$$1 \text{ cup} = 8 \text{ fluid Ounces}$$

$$2 \text{ cups} = 2 \times 8 \text{ fluid Ounces}$$

$$2 \text{ cups} = 16 \text{ fluid Ounces}$$

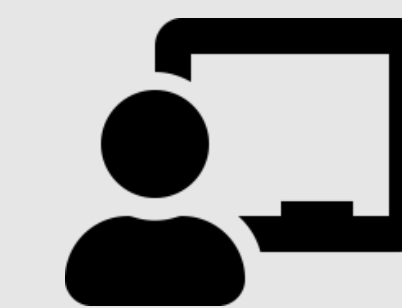
Example : 6

Solution:

$$16 \text{ fluid ounces} = \underline{\hspace{2cm}} \text{ cups}$$

$$1 \text{ fluid ounce} = \frac{1}{8} \text{ cups}$$

$$\begin{aligned} 16 \text{ fluid ounces} &= 16 \times \frac{1}{8} \text{ cups} \\ &= \frac{16}{8} = 2 \text{ cups} \end{aligned}$$





Example : 7

Solution:

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

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

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

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

Example : 8

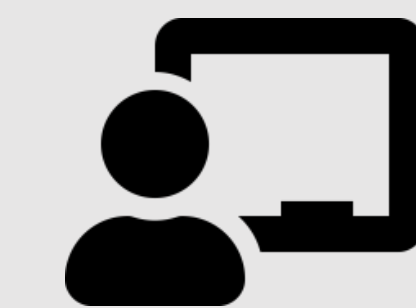
Solution:

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

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

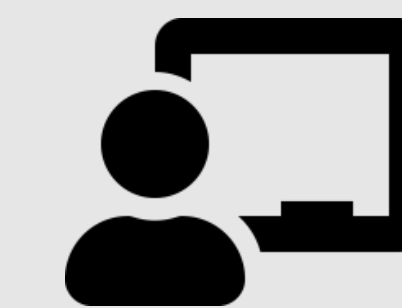
$$8 \text{ quarts} = 8 \times \frac{1}{2} \text{ gallons}$$

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





Example : 9



3 fluid ounces = _____ tablespoons

Solution:

1 fluid ounce = 2 tablespoons

3 fluid ounces = 2×3 tablespoons

3 fluid ounces = **6 tablespoons**

