

Subtraction and conversion for customary units of capacity

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Example : 1

Add : 14 cups - 3 cups

Solution :

Tens	Ones
1	4
0	3
1	1

So, 14 cups - 3 cups equals to **11 cups**

So, answer is 11 cups

Convert 11 cups into fluid ounce

Solution :

1 cup = 8 fluid ounces

$$\begin{aligned}11 \text{ cups} &= 11 \times 8 \text{ fluid ounces} \\&= 88 \text{ fluid ounces}\end{aligned}$$

So, 11 cups = 88 fluid ounces

Example : 2

Add : 27 pints - 15 pints

Solution :

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Tens	Ones
2	7
1	5
1	2

So, 27 pints - 15 pints equals to **12 pints**

So, answer is 12 pints

Convert 12 pints into cup

Solution :

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

$$12 \text{ pints} = 2 \times 12 \text{ cups}$$

$$= 24 \text{ cups}$$

$$\text{So, } 12 \text{ pints} = 24 \text{ cups}$$

Example : 3

Add : 49 quarts - 25 quarts

Solution :

$$\begin{array}{r} & \begin{array}{|c|c|} \hline \text{Tens} & \text{Ones} \\ \hline 4 & 9 \\ \hline 2 & 5 \\ \hline 2 & 4 \\ \hline \end{array} \\ - & \end{array}$$

So, 49 quarts - 25 quarts equals **24 quarts**

So, answer is 24 quarts

Convert 24 quarts into pint

Solution :

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

$$24 \text{ quarts} = 2 \times 24 \text{ pints}$$

$$= 48 \text{ pints}$$

So, 24 quarts = 48 pints

Example : 4

Add : 68 gallons - 32 gallons

Solution :

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Tens	Ones
6	8
3	2
3	6

So, 68 gallons - 32 gallons equals **36 gallons**

So, answer is 36 gallons

Convert 36 gallons into quart

Solution :

$$1 \text{ gallons} = 4 \text{ quarts}$$

$$36 \text{ gallons} = 4 \times 36 \text{ quarts}$$

$$= 144 \text{ quarts}$$

So, 36 gallons = 144 quarts

Example : 5

Add : 76 fluid ounces - 43 fluid ounces

Solution :

Tens	Ones
7	6
4	3
3	3

So, 76 fluid ounces - 43 fluid ounces equals **33 fluid ounces**

So, answer is 33 fluid ounces

Convert 33 fluid ounces into tablespoon

Solution :

1 fluid ounce = 2 tablespoons

33 fluid ounces = 2×33 tablespoons

= 66 tablespoons

So, 33 fluid ounces = 66 tablespoons