

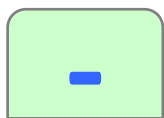
# Customary units of measuring weight

(subtraction and conversion  
without regrouping)

## Example: 1

Subtract 38 pounds and 23 pounds.

Solution:



Tens	Ones
3	8
2	3
1	5



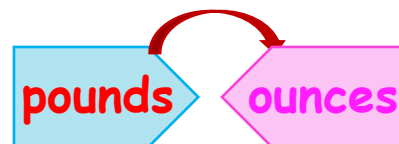
Bag of oranges

So, 38 pounds - 23 pounds equals to 15 pounds.

So, answer is 15 pounds.

Convert 15 pounds into ounces.

Solution:



1 pounds = 16 ounces

15 pounds = 15 x 16 ounces

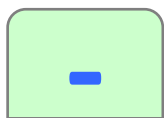
= 240 ounces

So, there are 240 ounces in 15 pounds.

## Example: 2

Subtract 64 ounces and 23 ounces.

Solution:



Tens	Ones
6	4
3	2
<b>3</b>	<b>2</b>



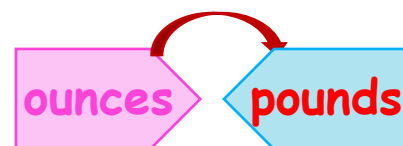
Candy

So, 64 ounces - 32 ounces equals to **32 ounces**.

So, answer is **32 ounces**.

### Convert 32 ounces into pounds.

Solution:



$$16 \text{ ounces} = 1 \text{ pound}$$

$$32 \text{ ounces} = \frac{\cancel{32}^2}{\cancel{16}} \text{ pounds}$$

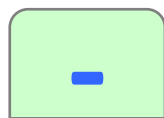
$$= 2 \text{ pounds}$$

So, there are **2 pounds** in 32 ounces.

## Example: 3

Subtract 8210 pounds and 2210 pounds.

Solution:



TH	H	T	O
8	2	1	0
2	2	1	0
6	0	0	0



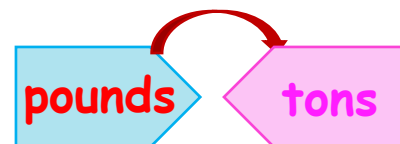
Bag of cement

So, 8210 pounds - 2210 pounds equals to 6000 pounds.

So, answer is 6000 pounds.

Convert 6000 pounds into tons.

Solution:



$$2000 \text{ pounds} = 1 \text{ ton}$$

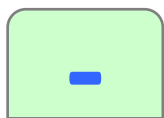
$$6000 \text{ pounds} = \frac{6000}{2000} = \frac{\cancel{6}^3}{\cancel{2}} \text{ tons} = 3 \text{ tons}$$

So, there are 3 tons in 6000 pounds.

## Example: 4

Subtract 49 tons and 37 tons.

Solution:



Tens	Ones
4	9
3	7
1	2



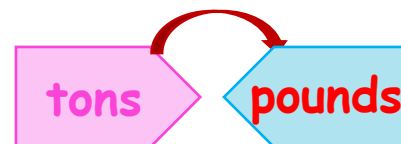
Train

So, 49 tons - 37 tons equals to **12 tons**.

So, answer is **12 tons**.

Convert 12 tons into pounds.

Solution:



$$1 \text{ tons} = 2000 \text{ pounds}$$

$$12 \text{ tons} = 12 \times 2000 \text{ pounds}$$

$$= 24000 \text{ pounds}$$

So, there are **24000 pounds** in 12 tons.