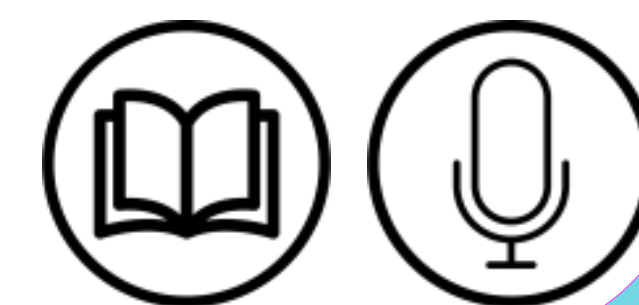




Customary units of measuring weight

(subtraction and conversion without regrouping)





Example: 1

Subtract 38 pounds and 23 pounds.

Solution:

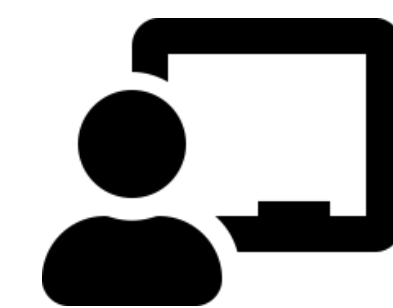
Tens	Ones
3	8
2	3
1	5



Bag of oranges

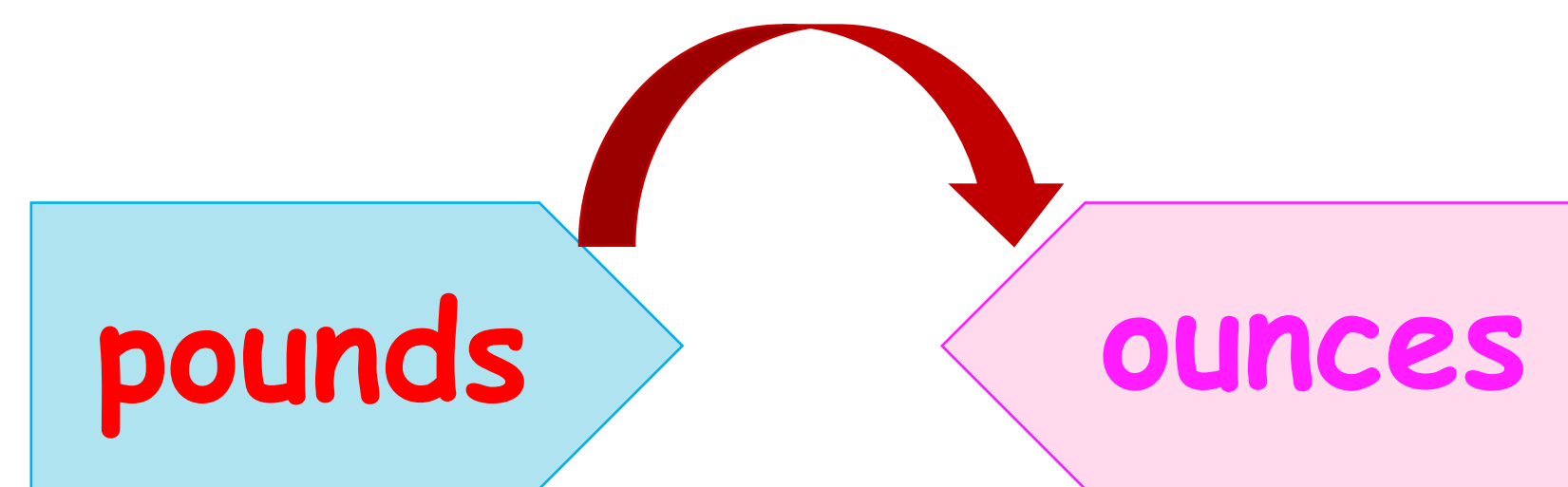
So, 38 pounds - 23 pounds equals to **15 pounds**.

So, answer is **15 pounds**.



Convert 15 pounds into **ounces**.

Solution:



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

$$15 \text{ pounds} = 15 \times 16 \text{ ounces}$$

$$= 240 \text{ ounces}$$

So there are **240 ounces** in **15 pounds**.





Example: 2

Subtract 64 ounces and 32 ounces.

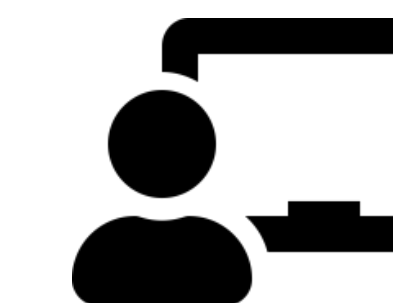
Solution:

Tens	Ones
6	4
3	2
3	2



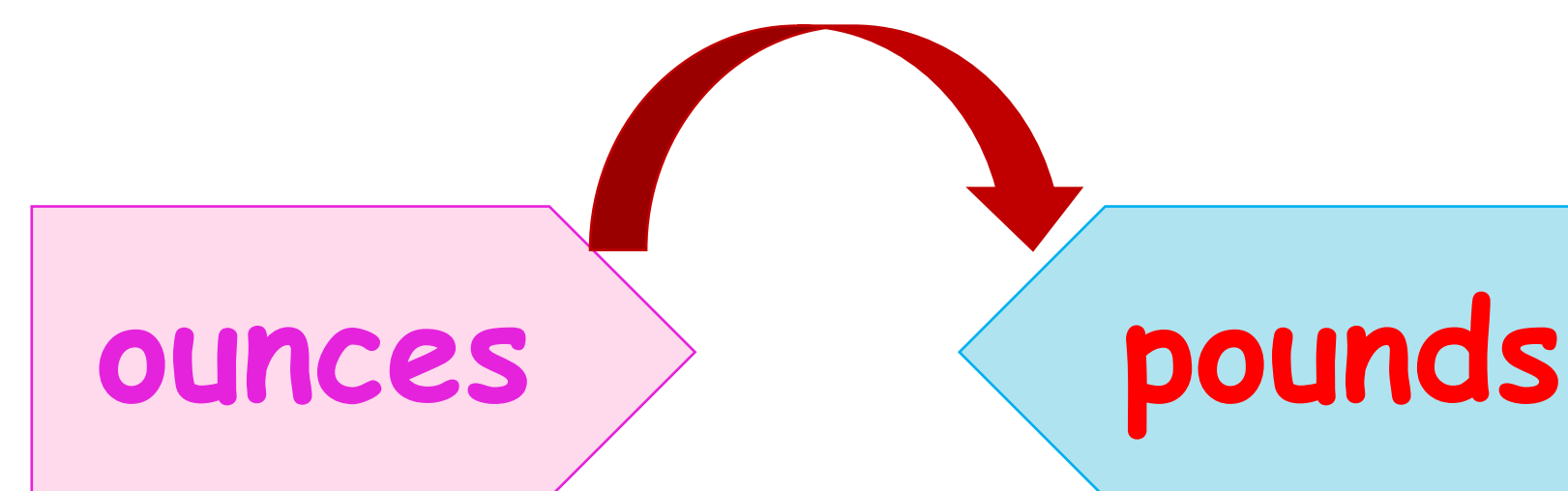
So, 64 ounces - 32 ounces equals to **32 ounces**.

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:

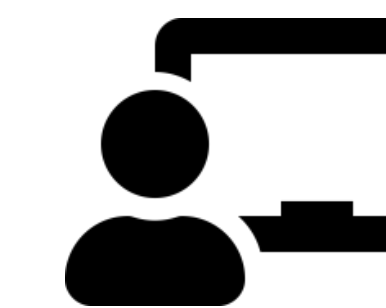


Bag of cement

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

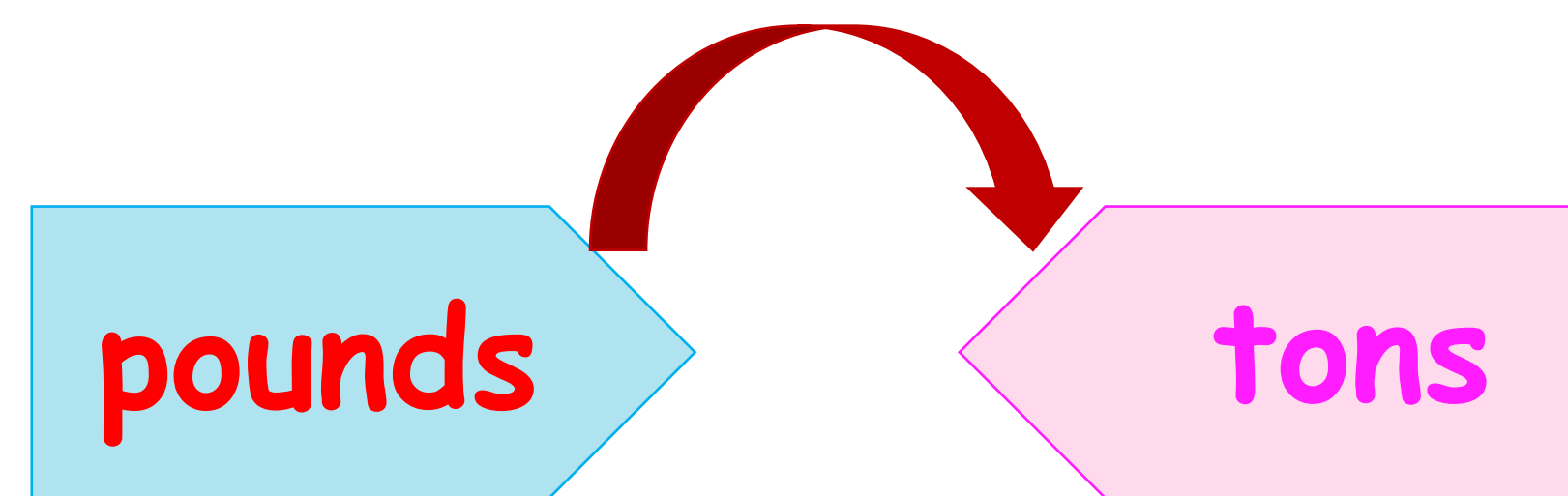
So, 8210 pounds - 2210 pounds equals to **6000 pounds**.

So, answer is **6000 pounds**.



Convert 6000 pounds into tons.

Solution:

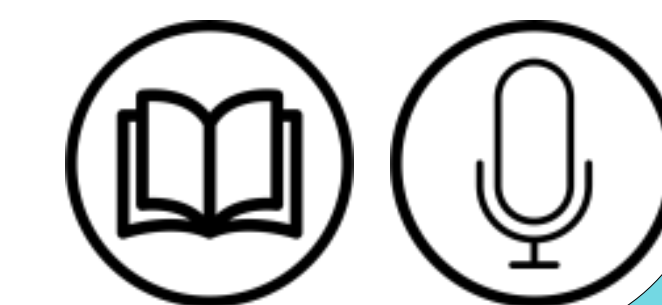


2000 pounds = 1 ton

$$6000 \text{ pounds} = \frac{\cancel{6000}}{\cancel{2000}} \Rightarrow \overset{3}{\cancel{6}} \underset{2}{\cancel{2}} \text{ tons}$$

= 3 tons

So there are **3 tons** in **6000 pounds**.





Example: 4

Subtract 49 tons and 37 tons.

Solution:

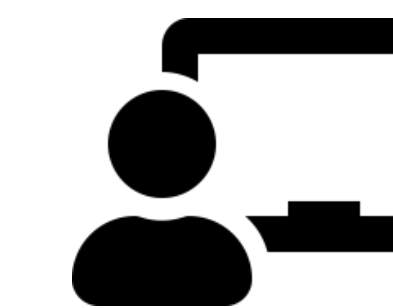
Tens	Ones
4	9
3	7
1	2



Train

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

So, answer is **12 tons**.



Convert 12 tons into **pounds**.

Solution:

tons

pounds

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

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

$$= 24000 \text{ pounds}$$

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

