



**Metric units of  
measuring weight**  
(Addition and conversion  
without regrouping)



## Example: 1

Add 15 grams and 12 grams.

**Solution:**

+	grams
	15
	12
	27



27 grams of biscuits

Hence, 15 grams + 12 grams = **27 grams**.

So, answer is **27 grams**.

Convert 27 grams into **kilograms**.

**Solution:**



$$1 \text{ gram} = \frac{1}{1000} \text{ kilograms}$$

$$27 \text{ grams} = \frac{27}{1000} \text{ kilograms}$$

$$= \mathbf{0.027} \text{ kilograms}$$

So, **27 grams** is equal to **0.027 kilograms**

## Example: 2

Add 16 kilograms and 13 kilograms.

**Solution:**

	+	<table style="border-collapse: collapse; width: 100%;"> <tr style="background-color: #d9ead3;"> <th style="padding: 5px;">kilograms</th> </tr> <tr> <td style="text-align: center; padding: 5px;">16</td> </tr> <tr> <td style="text-align: center; padding: 5px;">13</td> </tr> <tr> <td style="text-align: center; padding: 5px; color: #d9534f;">29</td> </tr> </table>	kilograms	16	13	29
kilograms						
16						
13						
29						



29 kilograms  
of rice

Hence, 16 kilograms + 13 kilograms = **29 kilograms**.

So, answer is **29 kilograms**.

Convert 29 kilograms into **grams**.

**Solution:**



1 kilogram = 1000 grams

29 kilograms = 1000 grams

= **29000 grams**

So, **29 kilograms** is equal to **29000 grams**.

### Example: 3

Add the 35 kilograms 42 grams and  
42 kilograms 37 grams.

#### Solution:

	kilograms	grams
	35	42
+	42	37
	<b>77</b>	<b>79</b>



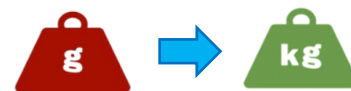
77 kilogram 79  
grams of snake  
weight

Hence, 35 kilograms 42 grams + 42 kilograms 37 grams =  
**77 kilograms 79 grams**

So, answer is **77 kilograms 79 grams**

Convert 77 kilograms 79 grams into **kilograms**.

#### Solution:



First we have to convert 79 grams into kilograms.

$$1 \text{ gram} = \frac{1}{1000} \text{ kilograms}$$

$$79 \text{ grams} = \frac{79}{1000} \text{ kilograms}$$

$$= 0.079 \text{ kilograms}$$

$$\begin{array}{l} 77 \text{ kilograms} \\ 79 \text{ grams} \end{array} = 77 + 0.079 = \mathbf{77.079 \text{ kilograms}}$$

So, **77 kilograms 79 grams** is equal to **77.079 kilograms**.

## Example: 4

Add the 41 kilograms 62 grams and  
44 kilograms 26 grams.

### Solution:

	kilograms	grams
	41	62
+	44	26
	<b>85</b>	<b>88</b>

85 kilograms 88  
grams of bricks

Hence, 41 kilograms 62 grams + 44 kilograms 26 grams =  
**85 kilograms 88 grams**

So, answer is **85 kilograms 88 grams**

Convert 85 kilograms 88 grams into **grams**.

### Solution:



First we have to convert 85 kilograms into grams.

$$1 \text{ kilogram} = 1000 \text{ grams}$$

$$\begin{aligned} 88 \text{ grams} &= 88 \times 1000 \text{ grams} \\ &= 88000 \text{ grams} \end{aligned}$$

$$\begin{array}{l} 85 \text{ kilograms} \\ 88 \text{ grams} \end{array} = 85000 + 88 = \mathbf{85088 \text{ grams}}$$

So, **85 kilograms 88 grams** is equal to **85088 grams**.