

Weight – Addition and subtraction

Cian's pumpkin weighs 1kg 354g.
Amelia's pumpkin weighs 2kg 488g.
What is the total weight of the 2 pumpkins?



Step 1: Add the grammes (g).
Step 2: Add the kilogrammes (kg).

$$1\text{ kg } 354\text{ g} + 2\text{ kg } 488\text{ g} = \star$$

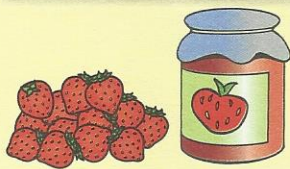
kg	g
1	354
+	2 488
<hr/>	
3	842

1. (a) $\begin{array}{r} \text{kg} \quad \text{g} \\ 1 \quad 304 \\ + 1 \quad 279 \\ \hline \end{array}$ (b) $\begin{array}{r} \text{kg} \quad \text{g} \\ 2 \quad 543 \\ + 3 \quad 199 \\ \hline \end{array}$ (c) $\begin{array}{r} \text{kg} \quad \text{g} \\ 2 \quad 198 \\ + 1 \quad 043 \\ \hline \end{array}$ (d) $\begin{array}{r} \text{kg} \quad \text{g} \\ 3 \quad 326 \\ + 2 \quad 438 \\ \hline \end{array}$ (e) $\begin{array}{r} \text{kg} \quad \text{g} \\ 4 \quad 726 \\ + 3 \quad 125 \\ \hline \end{array}$

2. Mya's suitcase weighs 6kg 240g. Mam's suitcase weighs 2kg 538g more than Mya's. How much does Mam's suitcase weigh? ____ kg ____ g

3. A bag of potatoes weighs 3kg 376g. A second bag of potatoes weighs 4kg 297g. What is the total weight of the 2 bags of potatoes? ____ kg ____ g

Adam bought 2kg 853g of strawberries.
He used 1kg 592g to make jam.
What weight of strawberries had he left?



Step 1: Rename if you must!
Step 2: Subtract the grammes (g).
Step 3: Subtract the kilogrammes (kg).

$$2\text{ kg } 853\text{ g} - 1\text{ kg } 592\text{ g} = \star$$

kg	g
2	853
-	1 592
<hr/>	
1	261

4. (a) $\begin{array}{r} \text{kg} \quad \text{g} \\ 3 \quad 719 \\ - 1 \quad 435 \\ \hline \end{array}$ (b) $\begin{array}{r} \text{kg} \quad \text{g} \\ 5 \quad 436 \\ - 1 \quad 182 \\ \hline \end{array}$ (c) $\begin{array}{r} \text{kg} \quad \text{g} \\ 6 \quad 924 \\ - 5 \quad 153 \\ \hline \end{array}$ (d) $\begin{array}{r} \text{kg} \quad \text{g} \\ 6 \quad 492 \\ - 3 \quad 150 \\ \hline \end{array}$ (e) $\begin{array}{r} \text{kg} \quad \text{g} \\ 5 \quad 761 \\ - 2 \quad 143 \\ \hline \end{array}$

Challenge





Tori's shopping bag weighs 3kg 926g.
Leo's bag weighs 1kg 643g less than Tori's.
How much does Leo's bag weigh?
____ kg ____ g





kg	g
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Weight – Problem-solving





1. Fill in the values of each weight.









(a) $1\text{ kg} =$  $+$ 
 _____g _____g

(b) $1\text{ kg} =$  $+$  $+$  $+$ 
 _____g _____g _____g _____g

(c) $1\text{ kg} =$  $+$  $+$  $+$  $+$ 
 _____g _____g _____g _____g _____g

(d) $500\text{ g} =$  $+$  $+$  $+$ 
 _____g _____g _____g _____g

(e) $250\text{ g} =$  $+$ 
 _____g _____g

(f) $250\text{ g} =$  $+$  $+$  $+$  $+$ 
 _____g _____g _____g _____g _____g

2. A shopkeeper needs to post the following items to Cork.



(a) What is the total weight of the telescope and skateboard? _____ kg _____ g

(b) What is the total weight of the roller skates and scooter? _____ kg _____ g

(c) How much heavier is the telescope than the skateboard? _____ kg _____ g

(d) The shopkeeper has €10 to spend on posting all these items in one parcel. If it costs 50c for each 1kg you post, how much money will he have left? € _____

(e) What is the total weight of all 4 items? _____ kg _____ g