

Maths Word Problems



Watch this You Tube video: <https://www.youtube.com/watch?v=V7ZMWvEBYNo>

1. Karl buys **four cheesecakes and one soft drink** for **€1.50**.



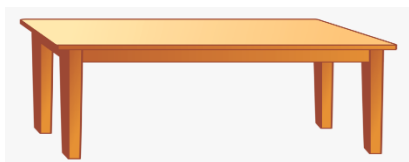
Analise buys **one cheesecake and one soft drink** for **87c**.



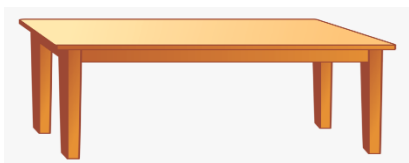
Work out the cost of:

a) Three cheesecakes	
b) One cheesecake	
c) One soft drink	

2. **One table and four chairs** cost **€38**.



One table and one chair cost **€17**.



a) Find the cost of one chair.	
b) Find the cost of one table.	
c) Work out the total cost of two tables and eight chairs .	

3. A cup of coffee and a sandwich cost €2.45












3 cups of coffee and 2 sandwiches cost €5.80



Work out the cost of a cup of coffee.

4. Christine bought 5 different presents for her 5 friends. She spent €77 on these presents. Find the price for each present, if:

Presents	Total Price
$A + B$   	<p>€38</p>
$B + C$   	<p>€34</p>
$C + D$   	<p>€28</p>
$D + E$   	<p>€26</p>

€ _____	€ _____	€ _____	€ _____	€ _____	Total - €77
 A	 B	 C	 D	 E	 A+B+C+D+E

5. A melon costs as much as 5 lemons.
Mum bought 3 melons and 7 lemons for €6.60.



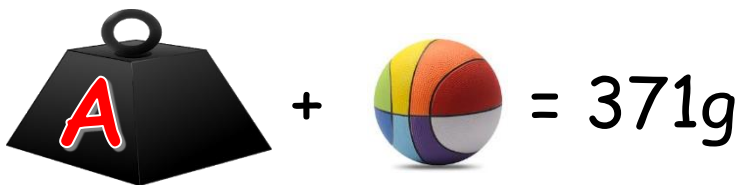
a) What is the cost of one melon?

b) What is the cost of one lemon?

6. Weight A weighs twice as much as 3 identical balls.

a) Weight A weighs as much as _____ identical balls.

$$\text{Weight A} + \text{one ball} = 371\text{g}$$



b) Weight A = _____ g

c) One ball = _____ g

Maths Word Problems Answer Sheet

1) Karl buys four cheesecakes and one soft drink for €1.50.



$= €1.50 -$

Analise buys one cheesecake and one soft drink for 87c.



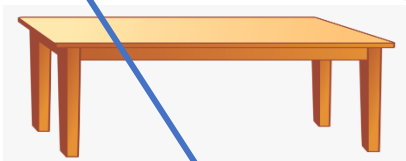
$= €0.87$

$€0.63$

Work out the cost of:

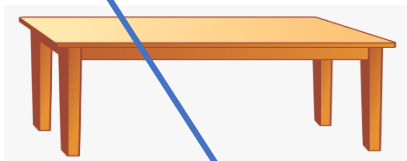
a) Three cheesecakes	$63c$
b) One cheesecake	$63c \div 3 = 21c$
c) One soft drink	$21c + \text{soft drink} = 87c$ $\text{soft drink} = 87c - 21c = 66c$

2) One table and four chairs cost €38.



$= €38 -$

One table and one chair cost €17.



$= €17$

$€21$

a)	$€21 \div 3 = €7$
b) Find the cost of one table.	$€7 + \text{table} = €17$ $\text{table} = €17 - €7 = €10$
c) Work out the total cost of two tables and eight chairs.	$= €38 +$ $= €38$ $€76$

3) A cup of coffee and a sandwich cost €2.45



3 cups of coffee and 2 sandwiches cost €5.80

$$= €5.80 -$$

$$= \underline{€4.90}$$

$$\underline{€0.90}$$

Work out the cost of a cup of coffee. = 90c

Double this.



Now, subtract it from the second one.

4) Christine bought 5 different presents for her 5 friends. She spent €77 on these presents. Find the price for each present, if:

Presents	Total Price
$A + B$ 	€38
$B + C$ 	€34
$C + D$ 	€28
$D + E$ 	€26

This is quite tricky!

First you need to add all the presents.







Then subtract 4 of the presents to find the price of one.

The rest will be easy.

A	B	C	D	E	€77 -
A	B	C	D		€66

$A + B = €38 + C + D = €28$

= €11

€17	€21	€13	€15	€11	€77
 A	 B	 C	 D	 E	 A+B+C+D+E

5) A melon costs as much as 5 lemons.

We can each melon for 5.



Mum bought 3 melons and 7 lemons for.

Therefore, instead of 3 melons, I can draw/write 15 lemons.



$$22 \text{ lemons} = \text{€}6.60 \quad \text{Therefore, 1 lemon} = \text{€}6.60 \div 22 = 30 \text{ c}$$

a) What is the cost of one lemon? 30 c

b) What is the cost of one melon? $30\text{c} \times 5 = \text{€}1.50$

6) Weight A weighs twice as much as 3 identical balls.

a) Weight A weighs as much as 6 identical balls.

$$\text{Weight A} + \text{one ball} = 371\text{g}$$



Instead of Weight A we can write/draw 6 balls.



$$\text{Therefore, one ball} = 371 \text{ g} \div 7 = 53 \text{ g}$$

b) Weight A = $53\text{g} \times 6 = 318 \text{ g}$

c) One ball = 53 g