Kilogram to Gram Conversion

FREE Worksheet - 3

Time: 10 minutes

(Detailed solutions at the end)

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1. Fill in the blank with 'kg' or 'g'.

    A magazine has a mass of about 200 ___.

2. The mass of a bouquet of flowers is 2 kg 885 g.

    What is the mass of the bouquet of flowers in grams?

    Answer: _____ gm

3. 7 kg 15 g = _____ g

4. 3 kg 425 g = _____ g

5. Mr. Martinez bought 9800 g of meat.

    How much meat did he buy in kilograms and grams?

    Answer: _____ kg _____ gm

SOLUTIONS

Problem 1

Magazines come in different sizes and masses.

However, a magazine with a mass of 200 kg would belong in a museum!

It is common for a magazine to have a mass of 200 g.

Problem 2

We know,

1 kg = 1000 g

So,

2 kg = 2000 g

2 kg 885 g	=	2 kg + 885 g
	=	2000 g + 885 g
	=	2885 g

The mass of the bouquet of flowers is **2885 g.**

Problem 3

We know,

   1 kg = 1000 g

So,

   7 kg = 7000 g

7 kg 15 g	=	7 kg + 15 g
	=	7000 g + 15 g
	=	***7015 g***

Problem 4

We know,

   1 kg = 1000 g

So,

   3 kg = 3000 g

3 kg 425 g	=	3 kg + 425 g
	=	3000 g + 425 g
	=	***3425 g***

Problem 5

We know,

*   1000 g = 1 kg*

So,

*   9000 g = 9 kg*

9800 g	=	9000 g + 800 g
	=	9 kg + 800 g
	=	9 kg 800 g

He bought **9 kg 800 g** of meat.