Kilogram to Gram Conversion

FREE Worksheet - 2

Time: 10 minutes

(Detailed solutions at the end)

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

   The mass of a television set is about 14 ___.

2. 2 kg 22 g = _____ g

3. Mrs. Thomas used 3 kg 678 g of soil.

   How much soil did she use in grams?

   Answer: _____ gm

4. 8069 g = ___ kg ___ g

5. A chair has a mass of 1608 g.

   What is its mass in kilograms and grams?

   Answer: _____ kg _____ gm

SOLUTIONS

Problem 1

Television sets are big.

It is normal for a TV set to have a mass of about 14 kg.

Only a toy TV set would be as light as 14 g!

Problem 2

We know,

*   1 kg = 1000 g*

So,

*   2 kg = 2000 g*

2 kg 22 g	=	2 kg + 22 g
	=	2000 g + 22 g
	=	***2022 g***

Problem 3

We know,

*   1 kg = 1000 g*

So,

*   3 kg = 3000 g*

	3 kg 678 g	=	3 kg + 678 g
		=	3000 g + 678 g
		=	3678 g

She used **3678 g** of soil.

Problem 4

We know,

1000 g = 1 kg

So,

8000 g = 2 kg

8069 g	=	8000 g + 69 g
	=	8 kg + 69 g
	=	**8 kg 69 g**

Problem 5

We know,

1000 g = 1 kg

1608 g	=	1000 g + 608 g
	=	1 kg + 608 g
	=	1 kg 608 g

The mass of the chair is **1 kg 608 g**.