

Weight 3 (Answer Key)

Fill in all units that have equal amounts with the same color.

5 kg 230 g	9654 g	5 kg 23 g	2345 g	2 kg 8 g	9 kg 654 g	2 kg 800 g	5023 g
2,008 kg	2800 g	3,033 kg	2,8 kg	5,230 kg	876 g	2 kg 345 g	0 kg 876 g
3 kg 33 g	2008 g	5230 g	0,876 kg	9,654 kg	2,345 kg	5,023 kg	3033 g

Put the units of weight in order, beginning with the lightest.

7,345 kg	741 g	7 kg 34 g	5,07 kg	0,714 kg	5 1/2 kg
7,345 kg	0,741 kg	7,034 kg	5,07 kg	0,714 kg	5,5 kg

$$\underline{0,714 \text{ kg} < 741 \text{ g} < 5,07 \text{ kg} < 5 \frac{1}{2} \text{ kg} < 7 \text{ kg } 34 \text{ g} < 7,345 \text{ kg}}$$

Mrs. Bauer needs 430 g Dinkel flour and 120 g of grain to bake one loaf of bread. How many loaves of bread can she bake if she has 5 kg of flour and 1 kg of grain left in the pantry?

Equation: $1 \text{ kg} = 1000 \text{ g}$

$$5000 \text{ g} : 430 \text{ g} = 11 \text{ R } 270 \quad (11 \text{ Portions of dough})$$

$$1000 \text{ g} : 120 \text{ g} = 8 \text{ R } 40 \quad (8 \text{ Portions of grain, } 40 \text{ g remain})$$

Answer: Mrs. Bauer can bake 8 loaves with the ingredients in the pantry.

Marion, Karin, Andrea and Kerstin went to find mushrooms. Marion found 400g, Karin found twice as many. Andrea found 550g less than Karin and Kerstin found 360g more than Andrea. List the girls in order of how many mushrooms they found.

Equation: Marion: 400 g

Karin: $2 \cdot 400 \text{ g} = 800 \text{ g}$

Andrea: $800 \text{ g} - 550 \text{ g} = 250 \text{ g}$

Kerstin: $250 \text{ g} + 360 \text{ g} = 610 \text{ g}$

Answer: Karin found the most mushrooms (800 g), Kerstin found 610 g, Marion found 400 g and Andrea only found 250 g.