

Weight 4 (Answer Key)

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

2,675 kg	3404 g	3,040 kg	3,004 kg	2675 g	4,2 kg	3,404 kg	3004 g
0,789 kg	3 kg 40 g	2 kg 675 g	4 kg 200 g	0 kg 789 g	3040 g	3 kg 4 g	4200 g
4 kg 20 g	4,020 kg	789 g	2,234 kg	4020 g	3 kg 404 g	2234 g	2 kg 234 g

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

3,565 kg	945 g	5 kg 34 g	5,010 kg	0,614 kg	5 1/2 kg
3,565 kg	0,945 kg	5,34 kg	5,010 kg	0,614 kg	5,5 kg

$$\underline{0,614 \text{ kg} < 945 \text{ g} < 3,565 \text{ kg} < 5,010 \text{ kg} < 5 \text{ kg } 34 \text{ g} < 5 \frac{1}{2} \text{ kg}}$$

Mrs. Bauer needs 30 g yoghurt and 70 g strawberries for her strawberry yoghurt recipe. How many servings can she make, if she has 1 kg of yoghurt and 1 kg of strawberries in her refrigerator?

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

$$1000 \text{ g} : 30 \text{ g} = 33 \text{ R } 10 \quad (33 \text{ portions of yoghurt})$$

$$1000 \text{ g} : 70 \text{ g} = 14 \text{ R } 20 \quad (14 \text{ portions of strawberries})$$

Answer: Mrs. Bauer can make 14 servings with the ingredients.

A dump-truck holds 15 tons of gravel. The excavator can scoop 300 kg of gravel at a time. How many scoops does the excavator need to empty the truck?

Equation: $15 \text{ t} = 15000 \text{ kg}$
 $15000 \text{ kg} : 300 \text{ kg} = 50$

Answer: The excavator needs 50 scoops to empty the dump-truck.