

Metric Unit Conversion - Mass

Example 1 : 46500 g = _____ kg

1000 grams = 1 kilogram

$$46500 \text{ g} = \frac{46500}{1000}$$
$$= \mathbf{46.5 \text{ kg}}$$

Example 2 : 46.5 kg = _____ g

1 kilogram = 1000 grams

$$46.5 \text{ kg} = 46.5 \times 1000$$
$$= \mathbf{46500 \text{ g}}$$

Convert between kilograms (kg) and grams (g).

1) 37.7 kg = _____ g

2) 65230 g = _____ kg

3) 17000 g = _____ kg

4) 89.01 kg = _____ g

5) 46.78 kg = _____ g

6) 9900 g = _____ kg

7) 76.667 kg = _____ g

8) 67334 g = _____ kg

9) 2800 g = _____ kg

10) 45.99 kg = _____ g

11) 24400 g = _____ kg

12) 36 kg = _____ g

13) 87.78 kg = _____ g

14) 70100 g = _____ kg

Answer key

Example 1 : 46500 g = _____ kg

1000 grams = 1 kilogram

$$46500 \text{ g} = \frac{46500}{1000}$$
$$= \mathbf{46.5 \text{ kg}}$$

Example 2 : 46.5 kg = _____ g

1 kilogram = 1000 grams

$$46.5 \text{ kg} = 46.5 \times 1000$$
$$= \mathbf{46500 \text{ g}}$$

Convert between kilograms (kg) and grams (g).

1) 37.7 kg = **37700** g

2) 65230 g = **65.23** kg

3) 17000 g = **17** kg

4) 89.01 kg = **89010** g

5) 46.78 kg = **46780** g

6) 9900 g = **9.9** kg

7) 76.667 kg = **76667** g

8) 67334 g = **67.334** kg

9) 2800 g = **2.8** kg

10) 45.99 kg = **45990** g

11) 24400 g = **24.4** kg

12) 36 kg = **36000** g

13) 87.78 kg = **87780** g

14) 70100 g = **70.1** kg