

Name : _____

Metric Unit Conversion

Example 1 : 46500 g = _____ kg

1000 grams = 1 kilogram

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

Example 2 : 46.5 kg = _____ g

1 kilogram = 1000 grams

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

Convert the following grams (g) to kilograms (kg).

1) 24890 g = _____ kg

2) 46130 g = _____ kg

3) 25000 g = _____ kg

5) 24456 g = _____ kg

7) 14200 g = _____ kg

Convert the following kilograms (kg) to grams (g).

9) 67.23 kg = _____ g

11) 43.897 kg = _____ g

13) 55.03 kg = _____ g

14) 67.4 kg = _____ g

15) 34 kg = _____ g

16) 10.8 kg = _____ g

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Name : _____

Answer key

Kilogram and Gram: T1S2

Metric Unit Conversion

Example 1 : 46500 g = _____ kg

1000 grams = 1 kilogram

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

Example 2 : 46.5 kg = _____ g

1 kilogram = 1000 grams

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

Convert the following grams (g) to kilograms (kg).

1) 24890 g = **24.89** kg

2) 46130 g = **46.13** kg

3) 25000 g = **25** kg

5) 24456 g = **24.456** kg

7) 14200 g = **14.2** kg

Convert the following kilograms (kg) to grams (g).

9) 67.23 kg = **67230** g

11) 43.897 kg = **43897** g

13) 55.03 kg = **55030** g

14) 67.4 kg = **67400** g

15) 34 kg = **34000** g

16) 10.8 kg = **10800** g

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