

Name : _____

Metric Unit Conversion

Kilogram and Gram: T2S1

Example 1 : 46500 g = _____ kg

1000 grams = 1 kilogram

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

$$= 46.5 \text{ kg}$$

Example 2 : 46.5 kg = _____ g

1 kilogram = 1000 grams

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

$$= 46500 \text{ g}$$

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

1) 37.7 kg = _____ kg

3) 17000 g = _____ g

5) 46.78 kg = _____ kg

7) 76.667 kg = _____ kg

9) 2800 g = _____ g

11) 24400 g = _____ kg

12) 36 kg = _____ g

13) 87.78 kg = _____ g

14) 70100 g = _____ kg

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Name : _____

Answer key

Kilogram and Gram: T2S1

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Example 1 : 46500 g = _____ kg

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$$= 46.5 \text{ kg}$$

Example 2 : 46.5 kg = _____ g

1 kilogram = 1000 grams

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

$$= 46500 \text{ g}$$

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

1) 37.7 kg = _____

37.7 kg

3) 17000 g = _____

17 kg

5) 46.78 kg = _____

46780 g

7) 76.667 kg = _____

76667 g

9) 2800 g = _____

2.8 kg

11) 24400 g = **24.4** kg

12) 36 kg = **36000** g

13) 87.78 kg = **87780** g

14) 70100 g = **70.1** kg

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