

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) 70263 g = _____ kg	2) 24280 g = _____ kg
3) 54300 g = _____ kg	4) 8000 g = _____ kg
5) 62132 g = _____ kg	6) 43510 g = _____ kg
7) 10340 g = _____ kg	8) 24100 g = _____ kg

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

9) 35.2 kg = _____ g	10) 70.43 kg = _____ g
11) 41.236 kg = _____ g	12) 13 kg = _____ g
13) 65.5 kg = _____ g	14) 27.89 kg = _____ g
15) 50.01 kg = _____ g	16) 82.8 kg = _____ g

Name : _____

Answer key

Kilogram and Gram: T1S1

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Example 1 : 46500 g = _____ kg

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$$= \mathbf{46.5 \text{ kg}}$$

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) 70263 g = <u>70.263</u> kg	2) 24280 g = <u>24.28</u> kg
3) 54300 g = <u>54.3</u> kg	4) 8000 g = <u>8</u> kg
5) 62132 g = <u>62.132</u> kg	6) 43510 g = <u>43.51</u> kg
7) 10340 g = <u>10.34</u> kg	8) 24100 g = <u>24.1</u> kg

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

9) 35.2 kg = <u>35200</u> g	10) 70.43 kg = <u>70430</u> g
11) 41.236 kg = <u>41236</u> g	12) 13 kg = <u>13000</u> g
13) 65.5 kg = <u>65500</u> g	14) 27.89 kg = <u>27890</u> g
15) 50.01 kg = <u>50010</u> g	16) 82.8 kg = <u>82800</u> g