



WEIGHT - METRIC UNITS

Name _____

Score _____

WU:05

Example : Convert 76.5 g to kg.

$$\begin{aligned} 1 \text{ gram} &= \frac{1}{1,000} \text{ kilogram} \\ &= \frac{76.5}{1000} \\ &= \mathbf{0.0765 \text{ kg}} \end{aligned}$$

1) Convert grams (g) to kilograms (kg).

a) 5,790 g =

d) 800 g =

b) 18.3 g =

e) 23.5 g =

c) 456.1 g =

f) 7,090 g =

2) Complete the table.

| g | kg |
|-------|----|
| 6.8 | |
| 357 | |
| 831.4 | |
| 4,000 | |

3) Compare and check mark the greater one.

2,500 g

2.3 kg

4) Compare and check mark the lesser one.

3,700 kg

3 kg

5) Write in ascending order.

31 g, 460 g, 5.8 kg, 1.9 kg, 1,850 g



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Answer key

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Example : Convert 76.5 g to kg.

$$\begin{aligned} 1 \text{ gram} &= \frac{1}{1,000} \text{ kilogram} \\ &= \frac{76.5}{1000} \\ &= \mathbf{0.0765 \text{ kg}} \end{aligned}$$

1) Convert grams (g) to kilograms (kg).

a) 5,790 g = **5.79 kg**

d) 800 g = **0.8 kg**

b) 18.3 g = **0.0183 kg**

e) 23.5 g = **0.0235 kg**

c) 456.1 g = **0.4561 kg**

f) 7,090 g = **7.09 kg**

2) Complete the table.

| g | kg |
|-------|---------------|
| 6.8 | 0.0068 |
| 357 | 0.357 |
| 831.4 | 0.8314 |
| 4,000 | 4 |

3) Compare and check mark the greater one.

2,500 g

2.3 kg

4) Compare and check mark the lesser one.

3,700 kg

3 kg

5) Write in ascending order.

31 g, 460 g, 5.8 kg, 1.9 kg, 1,850 g

31 g, 460 g, 1,850 g, 1.9 kg, 5.8 kg