

**Metric Unit Conversion - Mass**

Kilogram/Gram: T2S2

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) 11900 g = \_\_\_\_\_ kg

3) 48.911 kg = \_\_\_\_\_ kg

5) 20 kg = \_\_\_\_\_ g

7) 79090 g = \_\_\_\_\_ kg

9) 23231 g = \_\_\_\_\_ g

11) 15670 g = \_\_\_\_\_ kg

12) 87.62 kg = \_\_\_\_\_ g

13) 91.5 kg = \_\_\_\_\_ g

14) 57300 g = \_\_\_\_\_ kg

# PREVIEW

Access the largest collection of  
worksheets for just **\$19.95** per year!

Members, please  
log in to  
download this  
worksheet.

**Log in**

Not a member?  
Please sign up to  
gain complete  
access.

**Sign up**[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

**Metric Unit Conversion - Mass**

Kilogram/Gram: T2S2

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) 11900 g = \_\_\_\_\_

\_\_\_\_\_ **119** kg

3) 48.911 kg = \_\_\_\_\_

\_\_\_\_\_ **48911** kg

5) 20 kg = \_\_\_\_\_

\_\_\_\_\_ **20000** g

7) 79090 g = \_\_\_\_\_

\_\_\_\_\_ **79.09** kg

9) 23231 g = \_\_\_\_\_

\_\_\_\_\_ **23.231** kg

11) 15670 g = \_\_\_\_\_ **15.67** kg

12) 87.62 kg = \_\_\_\_\_ **87620** g

13) 91.5 kg = \_\_\_\_\_ **91500** g

14) 57300 g = \_\_\_\_\_ **57.3** kg

# PREVIEW

Access the largest collection of  
worksheets for just **\$19.95** per year!

Members, please  
log in to  
download this  
worksheet.

**Log in**

Not a member?  
Please sign up to  
gain complete  
access.

**Sign up**[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)