



## Metric units of mass: kilograms and grams

### Grade 4 Measurement Worksheet

Note: 1 kilogram (kg) = 1,000 grams (gm)

Convert kilograms to grams

- 18 kg = \_\_\_\_\_ g
- 86 kg = \_\_\_\_\_ g
- 53 kg = \_\_\_\_\_ g
- 0.99 kg = \_\_\_\_\_ g
- 0.8 kg = \_\_\_\_\_ g
- 5.9 kg = \_\_\_\_\_ g
- 0.18 kg = \_\_\_\_\_ g
- 3.7 kg = \_\_\_\_\_ g
- 0.03 kg = \_\_\_\_\_ g
- 7.3 kg = \_\_\_\_\_ g

Convert grams to kilograms

- 300,000 g = \_\_\_\_\_ kg
- 20,000 g = \_\_\_\_\_ kg
- 4,000.0 g = \_\_\_\_\_ kg
- 50,000 g = \_\_\_\_\_ kg
- 2,000.0 g = \_\_\_\_\_ kg
- 500.00 g = \_\_\_\_\_ kg
- 400,000 g = \_\_\_\_\_ kg
- 40,000 g = \_\_\_\_\_ kg
- 600.00 g = \_\_\_\_\_ kg
- 70,000 g = \_\_\_\_\_ kg

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Note: 1 kilogram (kg) = 1,000 grams (gm)

Convert kilograms to grams

- 18 kg = 18,000 g
- 86 kg = 86,000 g
- 53 kg = 53,000 g
- 0.99 kg = 990 g
- 0.8 kg = 800 g
- 5.9 kg = 5,900 g
- 0.18 kg = 180 g
- 3.7 kg = 3,700 g
- 0.03 kg = 30 g
- 7.3 kg = 7,300 g

Convert grams to kilograms

- 300,000 g = 300 kg
- 20,000 g = 20 kg
- 4,000.0 g = 4 kg
- 50,000 g = 50 kg
- 2,000.0 g = 2 kg
- 500.00 g = 0.5 kg
- 400,000 g = 400 kg
- 40,000 g = 40 kg
- 600.00 g = 0.6 kg
- 70,000 g = 70 kg