

Name: ..... Class: .....

Convert and compare metric units

Which sign makes the statements below true. Complete with  $<$ ,  $>$ , or  $=$ .

Example:

50 grams  7 kilograms

Convert 50 grams to kilograms.

If 1,000 grams = 1 kilogram

$$\text{Therefore, } 50 \text{ grams} = \frac{50 \text{ grams} \times 1 \text{ kilogram}}{1,000 \text{ grams}} = \frac{1 \times 50}{20 \times 50} = \frac{1}{20} \text{ kg}$$

Now, compare  $\frac{1}{20}$  kilogram with 7 kilograms  
 $\frac{1}{20}$  kilogram is less than 7 kilograms

Which implies that 50 grams  7 kilograms

1 Liter  1 000 milliliters

75 km  200 m

250 cm  50 meters

7 cg  70 milligrams

1 kg  3, 500 grams

800 ml  236 centiliters

50 dm  100 cm

85 g  1 kg

1, 1 89 mg  1 gram

1 dm  10 cm



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