

Lesson 2

Conversion Ratios

1. Write a conversion ratio for grams and decagrams as
 - a. an equality

$$1\text{ g} = 0.1\text{dag}$$

- b. a fraction equal to 1

$$\frac{1\text{ g}}{0.1\text{ dag}} = 1 \text{ or } \frac{0.1\text{ dag}}{1\text{ g}} = 1$$

2. Write a conversion ratio for decimetres and kilometres as

- a. an equality

$$0.001\text{km} = 10\text{ dm}$$

- b. a fraction equal to 1

$$\frac{0.001\text{ km}}{10\text{ dm}} = 1 \text{ or } \frac{10\text{ dm}}{0.001\text{ km}} = 1$$