



## Math in My World

### Example 1

A female body length of Cuban tree frog can be up to  $\frac{7}{50}$  meter. A male body length of Cuban tree frog can be up to  $\frac{9}{100}$  meter. How much longer is the female Cuban tree frog than the male? Find  $\frac{7}{50} - \frac{9}{100}$ .

Write equivalent, like fractions using the least common denominator, LCD. The LCD of  $\frac{7}{50}$  and  $\frac{9}{100}$  is 100.

$$\frac{7}{50} - \frac{9}{100} = \frac{7}{50} \times \frac{2}{2} - \frac{9}{100}$$

Write equivalent fractions using the LCD.

$$= \frac{14}{100} - \frac{9}{100}$$

Multiply.

$$= \frac{14 - 9}{100}, \text{ or } \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

Subtract like fractions.

$$= \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

A female Cuban tree frog is  $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$  meter longer than the male.

**Check for Reasonableness** Use benchmark fractions to check.

Since,  $\frac{1}{20} < \frac{1}{2}$ , your answer is reasonable.

hopper:

