Name _____   Date _____

Ratios and Units of Measurement - Step-by-Step Lesson

Lesson 1 Ratio Problem:

a) How many feet are there in 2 meters?

Explanation:

Step 1) We know that : 1 m = 3.3 ft

Step 2) We have to convert meters to feet by multiplying.

1:3.3

2: x

Step 3) Setup the ratio in proportion form:

$\frac{1}{3.3}$ x $\frac{2}{x}$

Step 4) Solve for x. Cross multiply.

1x = 6.6

x = 6.6

So, 6.6 feet is the same as 2 meters.