

Using a Proportion

1. Convert 835 km to metres.

Step 1: Determine a conversion ratio for the two units.

Step 2: Assign a variable for the unknown, and create a second ratio using the information provided.

Step 3: Write a proportion with both ratios, and solve for the variable.

2. Use the proportion strategy to complete the following conversion.

$$1253 \text{ cL} = \underline{\hspace{2cm}} \text{ daL}$$