

Name: _____

Topic: Math – Solving routine and non-routine problems involving division of fractions

Contributor: ALFA

Directions: Solve each word problem below. Express your answer in its simplest form.

1. If Manny cuts a piece of wood that is three-fourths meters long into pieces that are three-eighths meters in length, how many pieces of wood does he have?

2. Valtteri was planning to give away $\frac{2}{3}$ of his birthday cake. If he wants to give away slices that are $\frac{1}{6}$ of the whole cake in size, how many slices of cake will he give away?

3. Daniel used a total of $4\frac{1}{2}$ kilograms of beef for three different meals. If each meal had an equal amount of beef, how many kilograms of beef was used in each meal?

4. For every liter of gasoline, a tricycle can travel $11\frac{1}{2}$ kilometers. How much gasoline would be needed for trip that is 46 kilometers long?