Name: _____ Grade: _____ Date: _____

Fractions: Word Problems

Instructions: Solve word problems using the four rules and mixed fractions.

1) Farmer Henry harvested $12\frac{2}{3}$ pound of potatoes and $8\frac{1}{4}$ pound of carrots last week.
   (a) How many pounds of vegetables did he harvest altogether?

   Answer: _____   [3]

   (b) The following week he harvested 23 pounds of vegetables.

   How many more pounds of vegetables did he harvest in the second week?

   Answer: _____   [3]

2) Find the sum of $\frac{3}{4}$ and $\frac{5}{7}$. Express your answer as a mixed fraction.

   Answer: _____   [3]

3) (a) Giving your answer in its lowest form, find the value of:

   $$\frac{2}{3} \times \left(\frac{1}{4} - \frac{1}{12}\right) \div 12$$

   Answer: _____   [4]

   (b) Multiply your answer from part (a) by 8.

   Answer: _____   [2]