Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section \_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve problems on a separate sheet of lined paper. Use KFS to solve.

1. Apples sell for 43 cents a pound. How much do 3.2 pounds of apples cost?
2. Gold costs $500 per ounce. A solid gold nugget is 23.5 ounces. How much is it worth?
3. How many feet are there in 58 yards?
4. The new hybrid cars get 65 miles per gallon. How many miles can you drive on 5 gallons of gas?
5. How many nickels are in 126 dollars?
6. How many days are there in two and a half years?
7. Dr. Gomez orders 0.08 grams of medication for a patient. Each pill contains 0.003 grams of the medicine. How many pills will the patient need?”
8. How many inches are there in 110 yards?
9. How many hours are there in 5 and a half weeks?
10. Sarah can study 20 pages per night. Each page has three homework problems. If she studies for 3 nights how many homework problems will she do?
11. The distance from Scottsdale to Sedona is approximately 660,000 feet. How far is it in miles? kilometers?
12. Dr. Michael prescribes 300 mg a day of medicine to a patent. Each pill has 15 mg of medicine. How many pills will the patient need for 7 days?
13. A solution contains 5 grams of glucose per 100 milliliters. Each mole of glucose

weighs 180 grams. How many moles are there in 200 milliliters of the glucose

solution?