

EXTRA PRACTICE 16**Solving Problems with Mixed Numerals****Use after Sections 3.5 and 3.6, Objective C**

Name _____

Solve. Be sure to read carefully!

1. A car measures $\frac{3}{1000}$ mi long. The distance from Los Angeles to San Francisco is 425 miles. About how many cars could be lined up end to end between the two cities?

2. The price of stock was $\$28\frac{1}{8}$. The price rose $\$\frac{1}{4}$, and then declined $\$\frac{5}{8}$. What was the resulting price? _____
3. A pipe $\frac{7}{8}$ yd long is cut into 3 pieces. How long is each piece? _____
4. A stretch of highway is $28\frac{1}{3}$ mi long. Already $\frac{2}{5}$ of it has been repaved. How many miles still need to be repaved? _____
5. A box of cold cereal says that one serving of the cereal with milk provides 6 grams of protein, which is $\frac{3}{20}$ (15%) of the U.S. recommended daily allowance (RDA) for protein. What is the U.S. RDA for protein? _____
6. A container holds $1\frac{1}{2}$ gal of lemonade. How many people can be served if each person drinks $\frac{1}{6}$ gal? _____
7. A full-time salary is \$19,200. What would a person's salary be working $\frac{2}{3}$ -time? _____
8. A roll of plastic sheeting is 25 yd long. How many pieces can be cut from the roll, if each piece is $1\frac{1}{4}$ yd long? _____
9. A Christmas tree farm is 20 acres. The owners want $6\frac{1}{2}$ acres planted with long-needle pines, $3\frac{1}{4}$ acres of pinon pine, and $5\frac{3}{4}$ with fir trees. The rest are to be planted with spruce trees. How many acres are left for spruce trees? _____
10. A home economics teacher wants to give each of 21 students a piece of material cut from a bolt which has $18\frac{2}{3}$ yd left on it. Should he give them a little less than a yard each, or a little more? Exactly how long would each piece be to use the whole bolt? _____