Assignment #6 – Solving Fraction Problems   Name: _____ Class:_____

Read the following problems.
What operation would be best to solve the problem?

1. During a one-hour phone-in talk show, 8 callers made calls that took $3\frac{1}{4}$ min each. How many minutes were used by the 8 callers?

What operation would be best to solve this problem?   _____

2. A dressmaker needs $3\frac{3}{8}$ m of fabric to sew one dress. How many dresses can the dressmaker make with 28 m of fabric?

What operation would be best to solve this problem?   _____

3. A patient is given $1\frac{1}{2}$ teaspoons of medicine in the morning and $2\frac{1}{4}$ teaspoons at night. How many teaspoons total does the patient receive daily?

What operation would be best to solve this problem?   _____

4. $\frac{3}{8}$ of the corn in the U.S. is grown in Iowa. $\frac{1}{4}$ of it is grown in Nebraska. How much of the corn supply is grown in the two states?

What operation would be best to solve this problem?   _____

5. Find the total width of 3 boards that $1\frac{3}{4}$ inches wide, $\frac{7}{8}$ inch wide, and $1\frac{1}{2}$ inches wide.

What operation would be best to solve this problem?   _____

6. $3\frac{1}{3}$ feet are cut off a board that is $12\frac{1}{4}$ feet long. How long is the remaining part of the board?

What operation would be best to solve this problem? _____

7. A medium tire is $6\frac{5}{8}$ inches wide and a large tire is $4\frac{3}{4}$ inches wide. What is the difference in their widths?

What operation would be best to solve this problem? _____

8. A dock is $7\frac{3}{4}$ m high. The portion of the dock above water one day was measured at $2\frac{2}{5}$ m high. How much of the dock structure was below the water that day?

What operation would be best to solve this problem? _____

9. Ms. Lecky ordered pizza for a party. $1\frac{5}{8}$ of the vegetarian pizza and $\frac{2}{3}$ of the ham and pineapple pizza were not eaten. How much pizza was left?

What operation would be best to solve this problem? _____

Solve 2 of the nine problems in the space below. Show all of your work.