

Fraction Operation Problem Solving

Write the expression used to solve the word problems below *and* SOLVE.

1) Thomas ran  $4\frac{1}{4}$  miles on Tuesday and

$3\frac{1}{8}$  miles on Wednesday. How much further did he run on Tuesday than on Wednesday?

2) For her cookie recipe, Stacie used  $2\frac{1}{3}$  cups

of flour,  $1\frac{1}{2}$  cups of sugar and 1 cup of oil.

What is the total amount of these ingredients?

3) Manuel, who is a carpenter, has a board that is 8 feet long. After he cuts off a piece that

is  $4\frac{2}{3}$  feet long, how much wood will be left?

4) Jennifer talked on her cell phone for

$1\frac{1}{4}$  hours on Saturday,  $2\frac{1}{2}$  hours on Sunday, and

$1\frac{7}{12}$  hours on Monday. How long did she spend

on the phone these three days?

5) Before Todd began his Math homework, his

pencil was  $7\frac{1}{2}$  inches long. After working diligently to

finish his homework, his pencil is now only  $6\frac{5}{8}$  inches

long. How much pencil did he use on his Math homework?

6) Bobcat running back Willson James ran  $4\frac{1}{4}$  yards

on the first play,  $2\frac{1}{2}$  yards on the second play, and

$3\frac{5}{8}$  yards on the third play. Did he get the 10 yards

he needed for a first down? *Yes or no, justify your answer.*