

Part 3 Fractions

1. Solve the following addition and subtraction problems.

A. $\frac{1}{2} + \frac{5}{8} =$ _____

B. $\frac{2}{3} + \frac{1}{12} =$ _____

C. $\frac{7}{12} - \frac{1}{2} =$ _____

D. $\frac{3}{5} - \frac{3}{10} =$ _____

2. Draw pictures to help you answer these questions.

A. One furlong is $\frac{1}{8}$ mile. How many furlongs equal one mile?

B. A tablespoon is $\frac{1}{16}$ of a cup. How many tablespoons equal one cup?

C. One foot is $\frac{1}{3}$ of a yard. How many feet equal one yard?

D. 5 minutes is $\frac{1}{12}$ of an hour. How many minutes equal $\frac{3}{12}$ of an hour?

E. 24 karat gold is pure gold. 1 karat gold means that 1 out of 24 parts is pure. 10 karat gold is $\frac{10}{24}$ or $\frac{5}{12}$ pure. Is 14 karat gold more or less than $\frac{1}{2}$ pure gold? Explain your thinking.