Math 318

These are correct (and preferred) interpretations of the math problems below:

1. What is this question asking? $\frac{5}{6} \times \frac{2}{7} = \quad ?$

   (a) What is $\frac{5}{6}$ of $\frac{2}{7}$?

   (b) What is $\frac{2}{7}$ of $\frac{5}{6}$?

2. What is this question asking? $\frac{7}{10} \div \frac{2}{17} = \quad ?$

   (a) How many groups of $\frac{2}{17}$ are required to make $\frac{7}{10}$?

   (b) How many groups of $\frac{2}{17}$ are needed to make $\frac{7}{10}$?

3. What does this statement mean? $\frac{13}{8} \div \frac{3}{4} = 2\frac{1}{6}$

   (a) It takes 2 whole groups of $\frac{3}{4}$ and $\frac{1}{6}$ of another group of $\frac{3}{4}$ to make $\frac{13}{8}$.

   (b) Two whole groups of $\frac{3}{4}$ and $\frac{1}{6}$ of another group of $\frac{3}{4}$ is what I need to make $\frac{13}{8}$.