

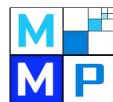
Word Problems: Envelope #1

Alicia ran $\frac{3}{4}$ of a marathon and Maurice ran $\frac{1}{2}$ of the same marathon. Who ran farther and by how much?

Sean worked on the computer for $3\frac{1}{4}$ hours. Later, Sean talked to Sonya on the phone for $1\frac{5}{12}$ hours. How many hours did Sean use the computer and talk on the phone all together?

Katie had $1\frac{1}{12}$ yards of string. One-fourth of a yard of string was used to tie newspapers. How much of the yard of string is remaining?

Khadijah bought a roll of border to use for decorating her walls. She used $\frac{2}{6}$ of the roll for one wall and $\frac{6}{12}$ of the roll for another wall. How much of the roll did she use?



Word Problems: Envelope #2

Elizabeth practices the piano for $\frac{3}{4}$ of an hour on Monday and $\frac{5}{6}$ of an hour on Wednesday. How many hours per week does Elizabeth practice the piano?

On Saturday Chris and DuShawn went to a strawberry farm to pick berries. Chris picked $2\frac{3}{4}$ pails and DuShawn picked $1\frac{1}{3}$ pails. Which boy picked more and by how much?

One-fourth of your grade is based on the final. Two-thirds of your grade is based on homework. If the rest of your grade is based on participation, how much is participation worth?

Dontae lives $1\frac{5}{6}$ miles from the mall. Corves lives $\frac{3}{4}$ of a mile from the mall. How much closer is Corves to the mall?



Discussion Questions: Envelope #3

Describe adjustments in your reasoning to solve problems in envelope #2 as compared to envelope #1.

Summarize your general strategy in using the paper strips (e.g., how did you begin, proceed, and conclude).

Describe ways to transform the problems in envelope #2 to be more like the problems in envelope #1.

Compare and contrast your approach in using the paper strips to the standard algorithm.

