Will it work?

Probe 8: Word Problems

Without doing the calculations, determine whether each problem can be solved using the numeric expression: $2\frac{1}{3}+1\frac{1}{4}$

Problems	Can each problem be solved by using: $2\frac{1}{3}+1\frac{1}{4}$
a) Sam has $2\frac{1}{3}$ cups of peanuts. He has $1\frac{1}{4}$ cups more than Pat. How many cups of peanuts does Pat have?	**Yes No** Explain your thinking.
b) Xavier has $2\frac{1}{3}$ cups of sugar. He needs $1\frac{1}{4}$ more cups for a recipe. How many cups of sugar does he need in all?	**Yes No** Explain your thinking.
c) Kayla walked $1\frac{1}{4}$ of a mile today and $2\frac{1}{3}$ miles yesterday. How many miles did she walk altogether on these two days?	**Yes No** Explain your thinking.

Without doing the calculations, determine whether each problem can be solved using the numeric expression: $4\frac{1}{2} - 1\frac{1}{8}$

Problems	Can each problem be solved by using: $4\frac{1}{2} - 1\frac{1}{8}$
d) Benita needs $4\frac{1}{2}$ feet of ribbon for a project. She has $1\frac{1}{8}$ feet of ribbon. How many more feet of ribbon does Benita need?	**Yes No** Explain your thinking.
e) Jack has $4\frac{1}{2}$ cups of peanuts for a to share with his friends. He wanted to give each friends $1\frac{1}{8}$ cups of peanuts. How many friends can he share with?	**Yes No** Explain your thinking.
f) Juan jogged $1\frac{1}{8}$ of a mile today and $4\frac{1}{2}$ miles yesterday. How many more miles did he jog yesterday than today?	**Yes No** Explain your thinking.