

Probe: Does the Expression Match the Word Problem?

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

Does the Expression Match the Word Problem?

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: $4\frac{1}{2} - 1\frac{1}{8}$
<p>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?</p>	<p>Yes No</p> <p>Explain your thinking.</p>
<p>e) Jack has $4\frac{1}{2}$ cups of peanuts to share with his friends. He wants to give each friend $1\frac{1}{8}$ cups of peanuts. How many friends can he share with?</p>	<p>Yes No</p> <p>Explain your thinking.</p>
<p>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?</p>	<p>Yes No</p> <p>Explain your thinking.</p>