

Adding & Subtracting Fractions with Unlike Denominators

Name: _____

1) Solve. Show or explain your work.

a. $2\frac{1}{2} + 1\frac{1}{5}$

e. $3\frac{5}{7} + 4\frac{2}{3}$

b. $2\frac{1}{4} - 1\frac{1}{5}$

f. $6\frac{1}{5} - \frac{1}{3}$

c. $3\frac{1}{4} - 2\frac{1}{3}$

g. $\frac{11}{3} + \frac{8}{5}$

d. $18\frac{3}{8} + \frac{2}{5}$

h. $\frac{37}{7} - \frac{13}{3}$

2) Ms. How bought a bag of rice for dinner. She used $\frac{3}{5}$ kg of the rice and still had $2\frac{1}{4}$ kg left. How heavy was the bag of rice that Ms. How bought?

3) $4\frac{1}{2}$ yards of cloth are needed to make a woman's dress. $2\frac{2}{7}$ yards of cloth are needed to make a girl's dress. How much more cloth is needed to make a woman's dress than a girl's dress?

4) Ms. Sanger blended $1\frac{1}{5}$ gallons of iced tea with some lemonade for a picnic. If there were $2\frac{1}{4}$ gallons of beverage, how many gallons of lemonade did she use?

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5) String A is $3\frac{5}{6}$ meters long. String B is $2\frac{1}{4}$ meters long. What is the total length of both strings?

6) Solve. Show or explain your work.

a. $5\frac{6}{7} - 3\frac{2}{3}$

e. $\frac{2}{3} + 4\frac{4}{7}$

b. $6\frac{3}{5} - \frac{3}{4}$

f. $3\frac{2}{3} - 2\frac{3}{4}$

c. $1\frac{1}{5} + 3\frac{1}{3}$

g. $\frac{5}{2} + \frac{8}{5}$

d. $15\frac{4}{5} + 4\frac{3}{8}$

h. $8 - 3\frac{5}{7}$

7) CHALLENGE: Use the digits 1-9 each once to make a true statement.

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$