

Add and Subtract Mixed Numbers with Unlike Denominators

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Interactive Examples

Find the sum or difference.

1. $3\frac{1}{2} - 1\frac{1}{5}$

$$\begin{array}{r} 3\frac{1}{2} \rightarrow 3\frac{5}{10} \\ -1\frac{1}{5} \rightarrow -1\frac{2}{10} \\ \hline 2\frac{3}{10} \end{array}$$

2. $2\frac{1}{3} + 1\frac{3}{4}$

3. $4\frac{1}{8} + 2\frac{1}{3}$

4. $5\frac{1}{3} + 6\frac{1}{6}$

5. $2\frac{1}{4} + 1\frac{2}{5}$

6. $5\frac{17}{18} - 2\frac{2}{3}$

7. $6\frac{3}{4} - 1\frac{5}{8}$

8. $5\frac{3}{7} - 2\frac{1}{5}$

Problem Solving

9. Jacobi bought $7\frac{1}{2}$ pounds of meatballs. He decided to cook $1\frac{1}{4}$ pounds and freeze the rest. How many pounds did he freeze?

10. Ms. Roth walked $8\frac{1}{8}$ miles to a park and then $7\frac{2}{5}$ miles home. How many miles did she walk?

11.  **WRITE** *Math* Write your own story problem using mixed numbers. Show the solution.

Lesson Check

12. Mrs. Rhein has a goal to jog $4\frac{1}{2}$ miles each day. On Monday she jogged $5\frac{9}{16}$ miles. By how much did she exceed her goal for that day?
13. At the deli, Ricardo ordered $3\frac{1}{5}$ pounds of cheddar cheese and $2\frac{3}{4}$ pounds of mozzarella cheese. How many pounds of cheese did he order all together?

Spiral Review

14. The theater has 175 seats. There are 7 seats in each row. How many rows are there?
15. During the first 14 days, 2,744 people visited a new store. The same number of people visited the store each day. About how many people visited the store each day?

16. What number is 100 times as great as 0.3?
17. Mark said that the product of 0.02 and 0.7 is 14. Mark is wrong. What is the product?
