

Represent Addition with Unlike Denominators

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Interactive Examples

Use fraction strips to find the sum.

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

$$\frac{1}{2} + \frac{3}{4} = \frac{2}{4} + \frac{3}{4} = \frac{5}{4}, \text{ or } 1\frac{1}{4}$$

$$1\frac{1}{4}$$

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

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

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

5. $\frac{1}{4} + \frac{5}{8}$

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

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

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

9. $\frac{7}{8} + \frac{1}{2}$

Problem Solving

10. Brandus bought $\frac{1}{3}$ pound of ground turkey and $\frac{3}{4}$ pound of ground beef to make sausages. How many pounds of meat did he buy?

11. To make a ribbon and bow for a hat, Stacey needs $\frac{5}{6}$ yard of black ribbon and $\frac{2}{3}$ yard of red ribbon. How much total ribbon does she need?

12.  **WRITE** *Math* Write a story problem that involves adding fractions with unlike denominators. Include the solution.

Lesson Check

13. Hirva ate $\frac{5}{8}$ of a medium pizza. Elizabeth ate $\frac{1}{4}$ of the pizza. How much pizza did they eat altogether?
14. Bill ate $\frac{1}{4}$ pound of trail mix on his first break during a hiking trip. On his second break, he ate $\frac{1}{6}$ pound. How many pounds of trail mix did he eat during both breaks?

Spiral Review

15. In 782,341,693, what digit is in the ten thousands place?
16. Matt ran 8 laps in 1,256 seconds. If he ran each lap in the same amount of time, how many seconds did it take him to run 1 lap?

17. Gilbert bought 3 shirts for \$15.90 each, including tax. How much did he spend?
18. Canda has 14 pounds of nuts. There are 16 ounces in one pound. How many ounces of nuts does she have?
