

Name \_\_\_\_\_

**Addition with Unlike Denominators**



**COMMON CORE STANDARD—5.NF.A.1, 5.NF.A.2** Use equivalent fractions as a strategy to add and subtract fractions.

Use fraction strips to find the sum. Write your answer in simplest form.

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

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

$1\frac{1}{4}$

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

\_\_\_\_\_

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

\_\_\_\_\_

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

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

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**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?

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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?

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

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