

Lesson 6.1

Name _____

Addition with Unlike Denominators

COMMON CORE STANDARD CC.5.NF.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 $1\frac{1}{4}$
 $1\frac{1}{4}$

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

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

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

12. $\frac{3}{4} + \frac{3}{8}$

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Problem Solving REAL WORLD

13. 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?

14. 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?

Lesson Check (CC.5.NF.2)

- Hirva ate $\frac{5}{8}$ of a medium pizza. Elizabeth ate $\frac{1}{4}$ of the pizza. How much pizza did they eat altogether?
 - $\frac{2}{4}$
 - $\frac{6}{12}$
 - $\frac{6}{8}$
 - $\frac{7}{8}$
- 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?
 - $\frac{5}{6}$ pound
 - $\frac{5}{12}$ pound
 - $\frac{1}{3}$ pound
 - $\frac{1}{5}$ pound

Spiral Review (CC.5.NBT.1, CC.5.NBT.2, CC.5.NBT.5, CC.5.NBT.6, CC.5.NBT.7)

- In 782,341,693, which digit is in the ten thousands place? (Lesson 1.1)
 - 2
 - 4
 - 8
 - 9
- Gilbert bought 3 shirts for \$15.90 each, including tax. How much did he spend? (Lesson 4.3)
 - \$5.30
 - \$35.70
 - \$37.70
 - \$47.70
- 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? (Lesson 1.9)
 - 107 seconds
 - 132 seconds
 - 157 seconds
 - 170 seconds
- Julia has 14 pounds of nuts. There are 16 ounces in one pound. How many ounces of nuts does she have? (Lesson 1.7)
 - 224 ounces
 - 124 ounces
 - 98 ounces
 - 30 ounces