Lesson 6.1

Addition with Unlike Denominators

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 \( 1\frac{1}{4} \)

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. \( \frac{3}{4} + \frac{3}{8} \)

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)

1. Hirva ate \( \frac{5}{6} \) of a medium pizza. Elizabeth ate \( \frac{1}{3} \) of the pizza. How much pizza did they eat altogether?
   - A \( \frac{2}{4} \)
   - B \( \frac{6}{12} \)
   - C \( \frac{6}{8} \)
   - D \( \frac{7}{8} \)

2. 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?
   - A \( \frac{5}{6} \) pound
   - B \( \frac{5}{12} \) pound
   - C \( \frac{1}{3} \) pound
   - D \( \frac{1}{5} \) pound

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

3. In 782,341,693, which digit is in the ten thousands place? (Lesson 1.1)
   - A 2
   - B 4
   - C 8
   - D 9

4. 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)
   - A 107 seconds
   - B 132 seconds
   - C 157 seconds
   - D 170 seconds

5. Gilbert bought 3 shirts for $15.90 each, including tax. How much did he spend? (Lesson 4.3)
   - A $5.30
   - B $35.70
   - C $37.70
   - D $47.70

6. Julia has 14 pounds of nuts. There are 16 ounces in one pound. How many ounces of nuts does she have? (Lesson 1.7)
   - A 224 ounces
   - B 124 ounces
   - C 98 ounces
   - D 30 ounces