Lesson 7.3

Add Fractions Using Models

Find the sum. Use fraction strips to help.

1. \[ \frac{2}{6} + \frac{1}{6} = \frac{3}{6} \]

2. \[ \frac{4}{10} + \frac{5}{10} = \]

3. \[ \frac{1}{3} + \frac{2}{3} = \]

4. \[ \frac{2}{4} + \frac{1}{4} = \]

5. \[ \frac{2}{12} + \frac{4}{12} = \]

6. \[ \frac{1}{6} + \frac{2}{6} = \]

7. \[ \frac{3}{12} + \frac{9}{12} = \]

8. \[ \frac{3}{8} + \frac{4}{8} = \]

9. \[ \frac{3}{4} + \frac{1}{4} = \]

10. \[ \frac{1}{5} + \frac{2}{5} = \]

11. Lola walks \( \frac{4}{6} \) mile to her friend’s house. Then she walks \( \frac{5}{10} \) mile to the store. How far does she walk in all?

12. Evan eats \( \frac{1}{8} \) of a pan of lasagna and his brother eats \( \frac{2}{8} \) of it. What fraction of the pan of lasagna do they eat?

13. Jacqueline buys \( \frac{2}{3} \) yard of green ribbon and \( \frac{1}{4} \) yard of pink ribbon. How many yards of ribbon does she buy?

14. Shu mixes \( \frac{2}{3} \) pound of peanuts with \( \frac{1}{4} \) pound of almonds. How many pounds of nuts does Shu mix?
**Lesson Check (4.NF.3d)**

1. Mary has $\frac{3}{8}$ of a medium pizza left. Hector has $\frac{2}{8}$ of another medium pizza left. How much pizza do they have altogether? Use models to help.

2. Jeannie ate $\frac{1}{4}$ of an apple. Kelly ate $\frac{2}{3}$ of the apple. How much did they eat together? Use models to help.

**Spiral Review (4.NBT.5, 4.NBT.6, 4.NF.1)**

3. Karen is making 14 different kinds of greeting cards. She is making 12 of each kind. How many greeting cards is she making?

4. Jefferson works part time and earns $1,520 in four weeks. How much does he earn each week?

5. By installing efficient water fixtures, the average American can reduce water use to about 45 gallons of water per day. Using such water fixtures, about how many gallons of water would the average American use in December?

6. Collin is making a bulletin board and note center. He is using square cork tiles and square dry-erase tiles. One of every 3 squares will be a cork square. If he uses 12 squares for the center, how many will be cork squares?