

Name _____

Add Fractions Using Models

COMMON CORE STANDARD CC.4.NF.3d

Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

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. $\frac{1}{5} + \frac{2}{5} =$ _____

Problem Solving



11. Lola walks $\frac{4}{10}$ 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 in all?

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

14. Shu mixes $\frac{2}{3}$ pound of peanuts with $\frac{1}{3}$ pound of almonds. How many pounds of nuts does Shu mix in all?

Lesson Check (CC.4.NF.3d)

- Mary Jane 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?

(A) $\frac{1}{8}$	(C) $\frac{5}{8}$
(B) $\frac{4}{8}$	(D) $\frac{6}{8}$
- Jeannie ate $\frac{1}{4}$ of an apple. Kelly ate $\frac{2}{4}$ of the apple. How much did they eat in all?

(A) $\frac{1}{4}$	(C) $\frac{3}{8}$
(B) $\frac{2}{8}$	(D) $\frac{3}{4}$

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

- Karen is making 14 different kinds of greeting cards. She is making 12 of each kind. How many greeting cards is she making? (Lesson 2.10)

(A) 120
(B) 132
(C) 156
(D) 168
- 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? (Lesson 3.2)

(A) about 1,200 gallons
(B) about 1,500 gallons
(C) about 1,600 gallons
(D) about 2,000 gallons
- Jefferson works part time and earns \$1,520 in four weeks. How much does he earn each week? (Lesson 4.11)

(A) \$305
(B) \$350
(C) \$380
(D) \$385
- 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? (Lesson 6.5)

(A) 3
(B) 4
(C) 6
(D) 8