

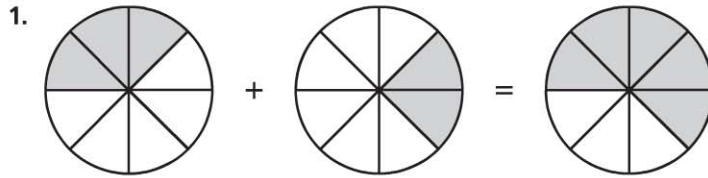
Name \_\_\_\_\_

## Add and Subtract Parts of a Whole

COMMON CORE STANDARD CC.4.NF.3a

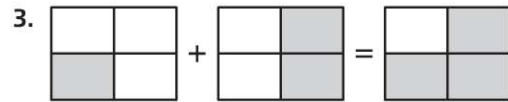
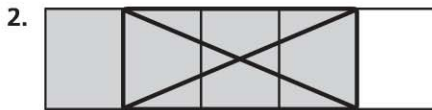
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

Use the model to write an equation.

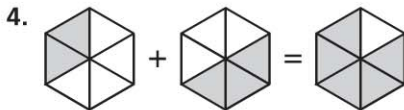


Think:  $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$

$\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$



Use the model to solve the equation.



$\frac{2}{6} + \frac{3}{6} = \underline{\hspace{2cm}}$



$\frac{3}{5} - \frac{2}{5} = \underline{\hspace{2cm}}$

### Problem Solving REAL WORLD

6. Jake ate  $\frac{4}{8}$  of a pizza. Millie ate  $\frac{3}{8}$  of the same pizza. How much of the pizza was eaten by Jake and Millie?

\_\_\_\_\_

7. Kate ate  $\frac{1}{4}$  of her orange. Ben ate  $\frac{2}{4}$  of his banana. Did Kate and Ben eat  $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$  of their fruit? **Explain.**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Lesson Check (CC.4.NF.3a)

- A whole pie is cut into 8 equal slices. Three of the slices are served. How much of the pie is left?
  - $\frac{1}{8}$
  - $\frac{3}{8}$
  - $\frac{5}{8}$
  - $\frac{7}{8}$
- An orange is divided into 6 equal wedges. Jody eats 1 wedge. Then she eats 3 more wedges. How much of the orange did Jody eat?
  - $\frac{1}{6}$
  - $\frac{4}{6}$
  - $\frac{5}{6}$
  - $\frac{6}{6}$

### Spiral Review (CC.4.OA.5, CC.4.NBT.5, CC.4.NF.1, CC.4.NF.2)

- Which list of distances is in order from least to greatest? (Lesson 6.8)
  - $\frac{1}{8}$  mile,  $\frac{3}{16}$  mile,  $\frac{3}{4}$  mile
  - $\frac{3}{4}$  mile,  $\frac{1}{8}$  mile,  $\frac{3}{16}$  mile
  - $\frac{1}{8}$  mile,  $\frac{3}{4}$  mile,  $\frac{3}{16}$  mile
  - $\frac{3}{16}$  mile,  $\frac{1}{8}$  mile,  $\frac{3}{4}$  mile
- Jeremy walked  $\frac{6}{8}$  of the way to school and ran the rest of the way. What fraction, in simplest form, shows the part of the way that Jeremy walked? (Lesson 6.3)
  - $\frac{1}{4}$
  - $\frac{3}{8}$
  - $\frac{1}{2}$
  - $\frac{3}{4}$
- An elevator starts on the 100th floor of a building. It descends 4 floors every 10 seconds. At what floor will the elevator be 60 seconds after it starts? (Lesson 5.6)
  - 60th floor
  - 66th floor
  - 72nd floor
  - 76th floor
- For a school play, the teacher asked the class to set up chairs in 20 rows with 25 chairs in each row. After setting up all the chairs, they were 5 chairs short. How many chairs did the class set up? (Lesson 3.7)
  - 400
  - 450
  - 495
  - 500