Lesson 7.1

Add and Subtract Parts of a Whole

Use the model to write an equation.
1. \[ \frac{3}{8} + \frac{2}{8} = \frac{5}{8} \]

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

2.

3.

Use the model to solve the equation.
4. \( \frac{2}{6} + \frac{3}{6} = \) ________

5. \( \frac{3}{5} - \frac{2}{5} = \) ________

Problem Solving \( \text{REAL WORLD} \)

6. Jake ate \( \frac{3}{8} \) 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)

1. A whole pie is cut into 8 equal slices. Three of the slices are served. How much of the pie is left?
   - A \( \frac{1}{8} \)
   - B \( \frac{3}{8} \)
   - C \( \frac{5}{8} \)
   - D \( \frac{7}{8} \)

2. 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?
   - A \( \frac{1}{6} \)
   - B \( \frac{4}{6} \)
   - C \( \frac{5}{6} \)
   - D \( \frac{6}{6} \)

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

3. Which list of distances is in order from least to greatest? (Lesson 6.8)
   - A \( \frac{1}{8} \) mile, \( \frac{3}{16} \) mile, \( \frac{3}{4} \) mile
   - B \( \frac{3}{4} \) mile, \( \frac{1}{8} \) mile, \( \frac{3}{16} \) mile
   - C \( \frac{1}{8} \) mile, \( \frac{3}{4} \) mile, \( \frac{3}{16} \) mile
   - D \( \frac{3}{16} \) mile, \( \frac{1}{8} \) mile, \( \frac{3}{4} \) mile

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

5. 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)
   - A 60th floor
   - B 66th floor
   - C 72nd floor
   - D 76th floor

6. 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)
   - A 400
   - B 450
   - C 495
   - D 500