Name _____

Problem Solving • Compare Fractions

COMMON CORE STANDARD CC.3.NF.3d

Develop understanding of fractions as numbers.

Solve.

1. Luis skates $\frac{2}{3}$ mile from his home to school. Isabella skates $\frac{2}{4}$ mile to get to school. Who skates farther?

Think: Use fraction strips to act it out.

Luis

2. Sandra makes a pizza. She puts mushrooms on $\frac{2}{8}$ of the pizza. She adds green peppers to $\frac{5}{8}$ of the pizza. Which topping covers more of the pizza?

_____

3. The jars of paint in the art room have different amounts of paint. The green paint jar is $\frac{4}{8}$ full. The purple paint jar is $\frac{4}{6}$ full. Which paint jar is less full?

_____

4. Jan has a recipe for bread. She uses $\frac{2}{3}$ cup of flour and $\frac{1}{3}$ cup of chopped onion. Which ingredient does she use more of, flour or onion?

_____

5. Edward walked $\frac{3}{4}$ mile from his home to the park. Then he walked $\frac{2}{4}$ mile from the park to the library. Which distance is shorter?

_____

TEST PREP

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

1. Ali and Jonah collect seashells in identical buckets. When they are finished, Ali's bucket is $\frac{2}{6}$ full and Jonah's bucket is $\frac{3}{6}$ full. Which of the following correctly compares the fractions?

Ⓐ $\frac{2}{6} = \frac{3}{6}$ Ⓒ $\frac{3}{6} < \frac{2}{6}$

Ⓑ $\frac{2}{6} > \frac{3}{6}$ Ⓓ $\frac{3}{6} > \frac{2}{6}$

2. Rosa paints a wall in her bedroom. She puts green paint on $\frac{5}{8}$ of the wall and blue paint on $\frac{3}{8}$ of the wall. Which of the following correctly compares the fractions?

Ⓐ $\frac{5}{8} > \frac{3}{8}$ Ⓒ $\frac{3}{8} > \frac{5}{8}$

Ⓑ $\frac{5}{8} < \frac{3}{8}$ Ⓓ $\frac{3}{8} = \frac{5}{8}$

Spiral Review (CC.3.OA.6, CC.3.OA.9, CC.3.NF.1)

3. Dan divides a pie into eighths. How many equal parts are there? (Lesson 8.1)

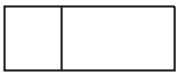
Ⓐ 3

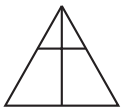
Ⓑ 6

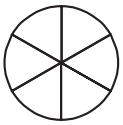
Ⓒ 8

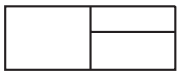
Ⓓ 10

4. Which shows equal parts? (Lesson 8.1)

Ⓐ 

Ⓒ 

Ⓑ 

Ⓓ 

5. Charles places 30 pictures on his bulletin board in 6 equal rows. How many pictures are in each row? (Lesson 6.7)

Ⓐ 3

Ⓑ 4

Ⓒ 5

Ⓓ 6

6. Which of the following describes a pattern in the table? (Lesson 5.1)

Tables	1	2	3	4	5
Chairs	5	10	15	20	25

Ⓐ Add 1.

Ⓑ Add 4.

Ⓒ Multiply by 2.

Ⓓ Multiply by 5.