

Name \_\_\_\_\_

**Compare Fractions**

COMMON CORE STANDARD CC.3.NF.3d

Develop an understanding of fractions as numbers.

Compare. Write  $<$ ,  $>$ , or  $=$ . Write the strategy you used.

1.  $\frac{3}{8} \text{ } \textcircled{<} \text{ } \frac{3}{4}$

**Think:** The numerators are the same. Compare the denominators. The greater fraction will have the lesser denominator.

same numerator

2.  $\frac{2}{3} \text{ } \textcircled{=} \text{ } \frac{7}{8}$

\_\_\_\_\_

3.  $\frac{3}{4} \text{ } \textcircled{=} \text{ } \frac{1}{4}$

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Name a fraction that is less than or greater than the given fraction. Draw to justify your answer.

4. greater than  $\frac{1}{3}$  —

5. less than  $\frac{3}{4}$  —

**Problem Solving** 

6. At the third-grade party, two groups each had their own pizza. The blue group ate  $\frac{7}{8}$  pizza. The green group ate  $\frac{2}{8}$  pizza. Which group ate more of their pizza?

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7. Ben and Antonio both take the same bus to school. Ben's ride is  $\frac{7}{8}$  mile. Antonio's ride is  $\frac{3}{4}$  mile. Who has a longer bus ride?

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

1. Which statement is correct?

- (A)  $\frac{2}{3} > \frac{7}{8}$
- (B)  $\frac{2}{3} < \frac{7}{8}$
- (C)  $\frac{2}{3} = \frac{7}{8}$
- (D)  $\frac{7}{8} < \frac{2}{3}$

2. Which symbol makes the statement true?

$$\frac{2}{4} \bullet \frac{2}{6}$$

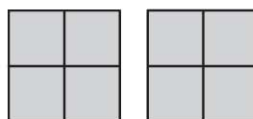
- (A)  $>$
- (B)  $<$
- (C)  $=$
- (D) none

**Spiral Review** (CC.3.OA.4, CC.3.NBT.3, CC.3.NF.3c)

3. Cam, Stella, and Rose each picked 40 apples. They put all their apples in one crate. How many apples are in the crate? (Lesson 5.5)

- (A) 40
- (B) 43
- (C) 120
- (D) 123

4. Each shape is 1 whole. Which fraction is represented by the shaded part of the model? (Lesson 8.6)



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

5. Which related multiplication fact can you use to find  $16 \div \blacksquare = 2$ ?

(Lesson 7.8)

- (A)  $4 \times 4 = 16$
- (B)  $8 \times 2 = 16$
- (C)  $8 \times 1 = 8$
- (D)  $4 \times 2 = 8$

6. What is the unknown factor? (Lesson 5.2)

$$9 \times \blacksquare = 36$$

- (A) 7
- (B) 6
- (C) 4
- (D) 3