Compare Fractions with the Same Numerator

Compare. Write <, >, or =.

1. $\dfrac{1}{8}$ $\boxed{<}$ $\dfrac{1}{2}$
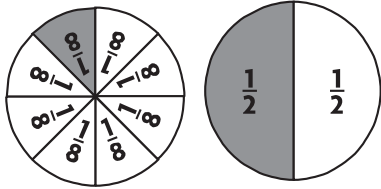
2. $\dfrac{3}{8}$ $\bigcirc$ $\dfrac{3}{6}$

3. $\dfrac{2}{3}$ $\bigcirc$ $\dfrac{2}{4}$

4. $\dfrac{2}{8}$ $\bigcirc$ $\dfrac{2}{3}$

5. $\dfrac{3}{6}$ $\bigcirc$ $\dfrac{3}{4}$

6. $\dfrac{1}{2}$ $\bigcirc$ $\dfrac{1}{6}$

7. $\dfrac{5}{6}$ $\bigcirc$ $\dfrac{5}{8}$

8. $\dfrac{4}{8}$ $\bigcirc$ $\dfrac{4}{8}$

9. $\dfrac{6}{8}$ $\bigcirc$ $\dfrac{6}{6}$

Problem Solving REAL WORLD

10. Javier is buying food in the lunch line. The tray of salad plates is $\dfrac{3}{8}$ full. The tray of fruit plates is $\dfrac{3}{4}$ full. Which tray is more full?

_____

11. Rachel bought some buttons. Of the buttons, $\dfrac{2}{4}$ are yellow and $\dfrac{2}{8}$ are red. Rachel bought more of which color buttons?

_____

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

1. Which symbol makes the statement true?

$$\frac{3}{4} \bullet \frac{3}{8}$$

Ⓐ >

Ⓑ <

Ⓒ =

Ⓓ none

2. Which symbol makes the statement true?

$$\frac{2}{4} \bullet \frac{2}{3}$$

Ⓐ >

Ⓑ <

Ⓒ =

Ⓓ none

Spiral Review (CC.3.OA.7, CC.3.NF.1)

3. Anita divided a circle into 6 equal parts and shaded 1 of the parts. Which fraction names the part she shaded? (Lesson 8.3)

Ⓐ $\frac{1}{6}$ Ⓒ $\frac{5}{6}$

Ⓑ $\frac{1}{5}$ Ⓓ $\frac{1}{1}$

4. Which fraction names the shaded part of the rectangle? (Lesson 8.4)

Ⓐ $\frac{1}{8}$ Ⓒ $\frac{6}{8}$

Ⓑ $\frac{2}{8}$ Ⓓ $\frac{8}{8}$

5. Chip worked at the animal shelter for 6 hours each week for several weeks. He worked for a total of 42 hours. Which of the following can be used to find the number of weeks Chip worked at the animal shelter? (Lesson 7.6)

Ⓐ 6 + 42

Ⓑ 42 − 6

Ⓒ 42 ÷ 6

Ⓓ 42 × 6

6. Mr. Jackson has 20 quarters. If he gives 4 quarters to each of his children, how many children does Mr. Jackson have? (Lesson 7.5)

Ⓐ 3

Ⓑ 4

Ⓒ 5

Ⓓ 6