

Name _____

Compare Fractions Using Benchmarks

COMMON CORE STANDARD CC.4.NF.2

Extending understanding of fraction equivalence and ordering.

Compare. Write $<$ or $>$.

1. $\frac{1}{8} < \frac{6}{10}$

Think: $\frac{1}{8}$ is less than $\frac{1}{2}$. $\frac{6}{10}$ is more than $\frac{1}{2}$.

2. $\frac{4}{12} \bigcirc \frac{4}{6}$

3. $\frac{2}{8} \bigcirc \frac{1}{2}$

4. $\frac{3}{5} \bigcirc \frac{3}{3}$

5. $\frac{7}{8} \bigcirc \frac{5}{10}$

6. $\frac{9}{12} \bigcirc \frac{1}{3}$

7. $\frac{4}{6} \bigcirc \frac{7}{8}$

8. $\frac{2}{4} \bigcirc \frac{2}{8}$

9. $\frac{3}{5} \bigcirc \frac{1}{4}$

10. $\frac{6}{10} \bigcirc \frac{2}{5}$

11. $\frac{1}{8} \bigcirc \frac{2}{10}$

12. $\frac{2}{3} \bigcirc \frac{5}{12}$

13. $\frac{4}{5} \bigcirc \frac{5}{6}$

14. $\frac{3}{5} \bigcirc \frac{5}{8}$

15. $\frac{8}{8} \bigcirc \frac{3}{4}$

Problem Solving 16. Erika ran $\frac{3}{8}$ mile. Maria ran $\frac{3}{4}$ mile. Who ran farther?

17. Carlos finished $\frac{1}{3}$ of his art project on Monday. Tyler finished $\frac{1}{2}$ of his art project on Monday. Who finished more of his art project on Monday?

Lesson Check (CC.4.NF.2)

1. Which symbol makes the statement true?

$$\frac{4}{6} \bullet \frac{3}{8}$$

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

2. Which of the following fractions is greater than $\frac{3}{4}$?

- (A) $\frac{1}{4}$
 (B) $\frac{5}{6}$
 (C) $\frac{3}{8}$
 (D) $\frac{2}{3}$

Spiral Review (CC.4.OA.3, CC.4.OA.4, CC.4.NBT.6)

3. Abigail is putting tiles on a table top. She needs 48 tiles for each of 8 rows. Each row will have 6 white tiles. The rest of the tiles will be purple. How many purple tiles will she need? (Lesson 2.9)

- (A) 432
 (B) 384
 (C) 336
 (D) 48

4. Each school bus going on the field trip holds 36 students and 4 adults. There are 6 filled buses on the field trip. How many people are going on the field trip? (Lesson 2.9)

- (A) 216
 (B) 240
 (C) 256
 (D) 360

5. Noah wants to display his 72 collector's flags. He is going to put 6 flags in each row. How many rows of flags will he have in his display? (Lesson 4.7)

- (A) 12
 (B) 15
 (C) 18
 (D) 21

6. Julian wrote this number pattern on the board:

3, 10, 17, 24, 31, 38.

Which of the numbers in Julian's pattern are composite numbers? (Lesson 5.5)

- (A) 3, 17, 31
 (B) 10, 24, 38
 (C) 10, 17, 38
 (D) 17, 24, 38