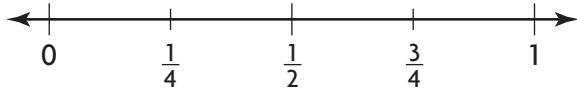


Compare Fractions Using Benchmarks

Go Online

Interactive Examples

Use a number line to compare. Write $<$ or $>$.

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

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

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

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

5. $\frac{10}{5} \bigcirc \frac{8}{6}$

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

6. $4\frac{9}{12} \bigcirc 5\frac{1}{3}$

7. $3\frac{4}{6} \bigcirc 3\frac{7}{8}$

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

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

Problem Solving

13. Erika ran $2\frac{3}{8}$ mile. Maria ran $2\frac{3}{4}$ mile. Who ran farther?

14. 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?

15.  **WRITE** *Math* Explain a strategy you could use to compare $\frac{2}{6}$ and $\frac{5}{8}$.

Lesson Check

16. What symbol makes the statement true?

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

17. Write a fraction, less than 1, with a denominator of 6 that is greater than $\frac{3}{4}$.
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Spiral Review

18. Ramla 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?
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19. 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?
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20. Zahur 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?
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21. 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?
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