



Name \_\_\_\_\_

## Comparing and Ordering Fractions and Mixed Numbers

**H** 7-12

Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $\frac{4}{9} \bigcirc \frac{7}{18}$

2.  $\frac{1}{2} \bigcirc \frac{19}{22}$

3.  $\frac{4}{7} \bigcirc \frac{5}{9}$

4.  $\frac{2}{3} \bigcirc \frac{17}{32}$

5.  $\frac{11}{24} \bigcirc \frac{9}{16}$

6.  $\frac{1}{3} \bigcirc \frac{4}{15}$

7.  $\frac{2}{13} \bigcirc \frac{1}{4}$

8.  $\frac{4}{5} \bigcirc \frac{7}{12}$

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

Order the numbers from least to greatest.

10.  $\frac{1}{3}, \frac{1}{4}, \frac{4}{3}, \frac{3}{4}$

11.  $2\frac{1}{8}, 2\frac{3}{5}, 1\frac{7}{8}, 2\frac{1}{4}$

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12.  $1\frac{1}{6}, 1\frac{2}{5}, 1\frac{1}{10}, 1\frac{5}{6}$

13.  $4\frac{1}{2}, 4\frac{3}{4}, 4\frac{5}{6}, 4\frac{1}{3}$

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14. In the opening scene, 17 of the 25 cast members are on stage. Is this more or less than half the cast?

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15. The first act is 35 minutes long. The whole show is 90 minutes long. What fraction of the whole show is the first act? Write the fraction in simplest form.

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16. The PTA sold juice during the intermission. Sixteen out of 24 orange juice cartons were sold and 10 out of 12 cranberry juice cartons were sold. How does the fraction of cranberry juice cartons sold compare with the fraction of orange juice cartons sold?

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**Test Prep** Circle the correct letter for each answer.

17. Order the numbers from least to greatest.  $5\frac{7}{10}, 5\frac{1}{2}, 5\frac{3}{10}, 5\frac{9}{10}$   
**A**  $5\frac{1}{2}, 5\frac{3}{10}, 5\frac{7}{10}, 5\frac{9}{10}$  **B**  $5\frac{1}{2}, 5\frac{9}{10}, 5\frac{3}{10}, 5\frac{7}{10}$  **C**  $5\frac{3}{10}, 5\frac{1}{2}, 5\frac{7}{10}, 5\frac{9}{10}$  **D**  $5\frac{3}{10}, 5\frac{7}{10}, 5\frac{1}{2}, 5\frac{9}{10}$

18. Order the numbers from least to greatest.  $7, 6\frac{2}{5}, 6\frac{1}{3}, 6\frac{1}{2}$   
**F**  $7, 6\frac{1}{3}, 6\frac{2}{5}, 6\frac{1}{2}$  **G**  $6\frac{1}{2}, 6\frac{1}{3}, 6\frac{2}{5}, 7$  **H**  $6\frac{2}{5}, 6\frac{1}{3}, 6\frac{1}{2}, 7$  **J**  $6\frac{1}{3}, 6\frac{2}{5}, 6\frac{1}{2}, 7$