

**Number and Operations****Use  $>$ ,  $<$ , or  $=$  to compare the fractions.**

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

2  $\frac{5}{8} \bigcirc \frac{1}{2}$

3  $\frac{1}{2} \bigcirc \frac{3}{5}$

4  $\frac{1}{2} \bigcirc \frac{3}{7}$

5  $\frac{8}{15} \bigcirc \frac{1}{2}$

6  $\frac{1}{2} \bigcirc \frac{5}{10}$

7  $\frac{3}{4} \bigcirc \frac{3}{7}$

8  $\frac{7}{8} \bigcirc \frac{7}{9}$

9  $\frac{12}{15} \bigcirc \frac{12}{20}$

10  $\frac{7}{10} \bigcirc \frac{7}{12}$

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

12  $\frac{8}{10} \bigcirc \frac{8}{9}$

**Problem Solving****Use a strategy and solve.**

- 13 Ella swam 4 laps of the pool on Monday. She plans to increase her distance by 1 lap each day. If she can do so, how many laps will she have swum in all by the end of 8 days?

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- 14 Hanh starts hiking a trail at a rate of 3 miles per hour. An hour later, Elvin starts at the same place and hikes in the same direction at a rate of 4 miles per hour. If they both keep up their pace, how many hours of walking will Elvin need to catch up to Hanh? Explain.

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- 15 Suppose you save 1 penny on the first day, 2 pennies on the second day, 4 pennies on the third day, and 8 pennies on the fourth day. If the doubling pattern continues, how many pennies will you have saved in all on the tenth day? Show your work.

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