Fractions Between Fractions

You can use number lines to find fractions between fractions. Look at the number lines on the right. The dotted lines between the number lines show fractions that are equivalent.

1. Use the number lines on the right to find a fraction between $\frac{1}{3}$ and $\frac{2}{3}$.

Use the number lines on the right to answer exercises 2–3.

2. Find a fraction between $\frac{1}{4}$ and $\frac{2}{4}$.

3. Use the sixteenths number line to find another fraction between $\frac{1}{4}$ and $\frac{2}{4}$.

Use the number lines on the right to answer exercise 4.

4. Find a fraction between $\frac{2}{5}$ and $\frac{4}{5}$. Explain how you know that the fraction is between $\frac{2}{5}$ and $\frac{4}{5}$.

5. **Explore It** Draw a number line showing twentieths under the number lines in exercise 4. Use a separate sheet of paper if necessary.
Fractions Between Fractions

You can use number lines to find fractions between fractions. Look at the number lines on the right. The dotted lines between the number lines show fractions that are equivalent.

1. Use the number lines on the right to find a fraction between \( \frac{1}{3} \) and \( \frac{2}{3} \).
   
   **Possible answer:** \( \frac{5}{12} \)

Use the number lines on the right to answer exercises 2–3.

2. Find a fraction between \( \frac{1}{4} \) and \( \frac{3}{4} \).
   
   **Possible answer:** \( \frac{3}{8} \)

3. Use the sixteenths number line to find another fraction between \( \frac{1}{4} \) and \( \frac{2}{4} \).
   
   **Possible answer:** \( \frac{5}{16} \)

Use the number lines on the right to answer exercise 4.

4. Find a fraction between \( \frac{2}{5} \) and \( \frac{4}{5} \).
   
   Explain how you know that the fraction is between \( \frac{2}{5} \) and \( \frac{4}{5} \).
   
   **Possible answer:** \( \frac{5}{10}, \frac{6}{10}, \text{ or } \frac{7}{10} \); The dotted lines connect equivalent fractions so any fraction between the dotted lines for \( \frac{2}{5} \) and \( \frac{4}{5} \) is between \( \frac{2}{5} \) and \( \frac{4}{5} \).

5. **Explore It** Draw a number line showing twentieths under the number lines in exercise 4. Use a separate sheet of paper if necessary.