tutorified

4.NF.A.2: Compare two fractions with different numerators and different denominators

1. Use the number line provided below to compare $\frac{6}{20}$ and $\frac{11}{20}$. Write the greater number.

    Solution:

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    ←――|――|――|――|――|――|――|――|――|――|――|――|――|――|――|――|――|――|――|――|――→
       0/20                          10/20                        20/20
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2. Compare the given fractions below and write $<$, $>$, or $=$ for each ☐. Use a model.

    a. $\frac{3}{10}$ ☐ $\frac{6}{10}$ c. $\frac{2}{3}$ ☐ $\frac{3}{6}$

    b. $\frac{5}{9}$ ☐ $\frac{3}{9}$ d. $\frac{3}{8}$ ☐ $\frac{7}{8}$

3. Use a model or number line to compare the given fractions below and write $<$, $>$, or $=$ for each ☐.

    a. $\frac{6}{10}$ ☐ $\frac{8}{20}$ c. $\frac{4}{8}$ ☐ $\frac{1}{3}$

    b. $\frac{5}{8}$ ☐ $\frac{4}{5}$ d. $\frac{3}{4}$ ☐ $\frac{6}{8}$

4. Use the given fraction bars to order $\frac{1}{4}, \frac{2}{3}, \frac{1}{2}$ from greatest to least.

    Solution:

1/4	1/4	1/4	1/4

1/3	1/3	1/3

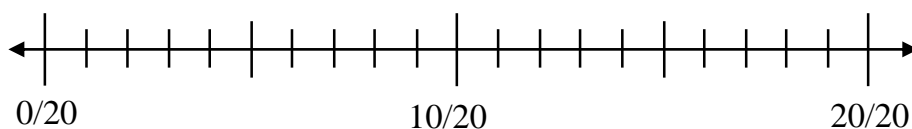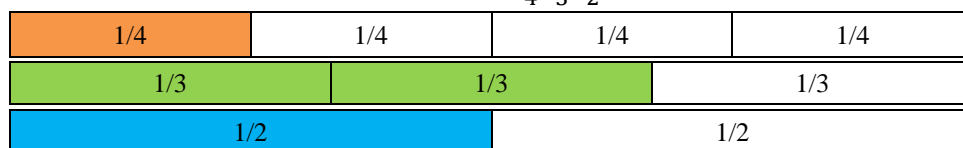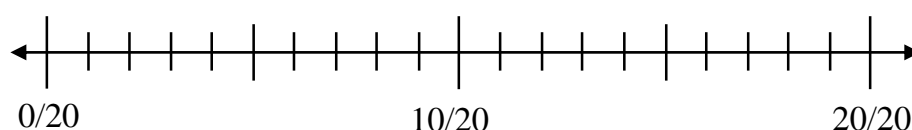 | 1/2 | 1/2 |
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4.NF.A.2 Compare and Order Fractions Using a Number Line

Answer Key

4.NF.A.2: Compare two fractions with different numerators and different denominators

1. Use the number line provided below to compare $\frac{6}{20}$ and $\frac{11}{20}$. Write the greater number.

   Solution:
   $$\frac{11}{20}$$

   0/20   10/20   20/20

2. Compare the given fractions below and write <, >, or = for each ▢. Use a model.

   a. $\frac{3}{10}$ < $\frac{6}{10}$

   b. $\frac{5}{9}$ > $\frac{3}{9}$

   c. $\frac{2}{3}$ > $\frac{3}{6}$

   d. $\frac{3}{8}$ < $\frac{7}{8}$

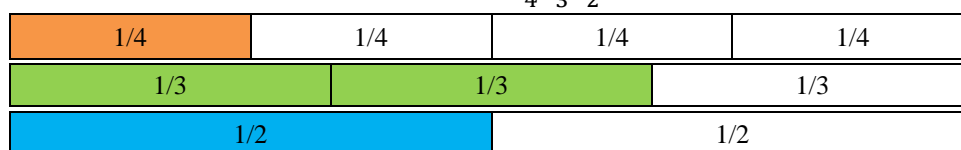3. Use a model or number line to compare the given fractions below and write <, >, or = for each ▢.

   a. $\frac{6}{10}$ > $\frac{8}{20}$

   b. $\frac{5}{8}$ < $\frac{4}{5}$

   c. $\frac{4}{8}$ > $\frac{1}{3}$

   d. $\frac{3}{4}$ = $\frac{6}{8}$

4. Use the given fraction bars to order $\frac{1}{4}, \frac{2}{3}, \frac{1}{2}$ from greatest to least.

1/4	1/4	1/4	1/4

1/3	1/3	1/3

1/2	1/2

   Solution:
   $$\frac{2}{3}, \frac{1}{2}, \frac{1}{4}$$