tutorified

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

1. Use the model provided below to compare $2\frac{1}{2}$ and $2\frac{1}{3}$. Write the greater fraction.
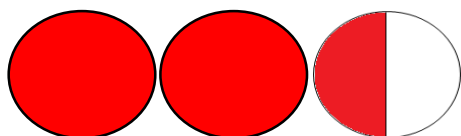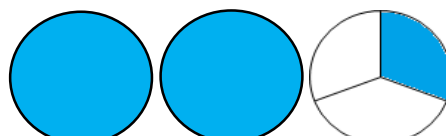
$2\frac{1}{2}$ $2\frac{1}{3}$

Solution:

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

   a. $1\frac{2}{6}$ ☐ $1\frac{1}{3}$ c. $3\frac{3}{4}$ ☐ $3\frac{2}{5}$

   b. $2\frac{7}{8}$ ☐ $2\frac{1}{2}$ d. $4\frac{1}{3}$ ☐ $4\frac{5}{8}$

3. Order the mixed numbers from least to greatest.

   a. $1\frac{4}{8}, 1\frac{2}{3}, 1\frac{4}{10}$

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

   c. $6\frac{10}{18}, 6\frac{1}{3}, 6\frac{2}{8}$

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

   Solution:

   a.

   b.

   c.

   d.

4. Which of the mixed numbers is the greatest?

   A. $3\frac{3}{4}$

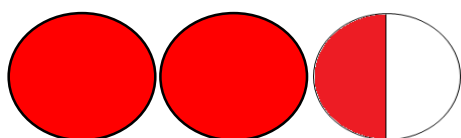   B. $3\frac{1}{4}$

   C. $3\frac{1}{3}$

   D. $3\frac{1}{2}$

   Solution:

1. Use the model provided below to compare $2\frac{1}{2}$ and $2\frac{1}{3}$. Write the greater fraction.
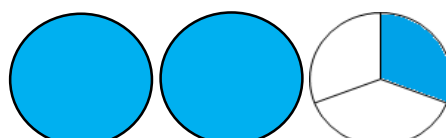
$2\frac{1}{2}$ $2\frac{1}{3}$ $2\frac{1}{2}$

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

 a. $1\frac{2}{6}$ ☐ $=$ ☐ $1\frac{1}{3}$ c. $3\frac{3}{4}$ ☐ $>$ ☐ $3\frac{2}{5}$

 b. $2\frac{7}{8}$ ☐ $>$ ☐ $2\frac{1}{2}$ d. $4\frac{1}{3}$ ☐ $<$ ☐ $4\frac{5}{8}$

3. Order the mixed numbers from least to greatest.
 a. $1\frac{4}{8}, 1\frac{2}{3}, 1\frac{4}{10}$
 b. $3\frac{5}{6}, 3\frac{2}{3}, 3\frac{3}{4}$
 c. $6\frac{10}{18}, 6\frac{1}{3}, 6\frac{2}{8}$
 d. $5\frac{2}{6}, 5\frac{3}{4}, 5\frac{2}{5}$

   a. $1\frac{4}{10}, 1\frac{4}{8}, 1\frac{2}{3}$

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

   c. $6\frac{2}{8}, 6\frac{1}{3}, 6\frac{10}{18}$

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

4. Which of the mixed numbers is the greatest?
 A. $3\frac{3}{4}$
 B. $3\frac{1}{4}$
 C. $3\frac{1}{3}$
 D. $3\frac{1}{2}$

   A