


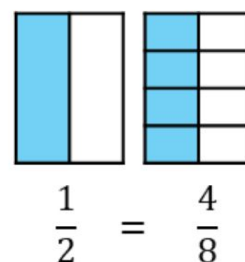
Monday 20<sup>th</sup> April 2020

WALT: Compare and order fractions

Before beginning this task you need to remember how to make equivalent fractions.

Try these tasks as a warm-up:

-  Take two pieces of paper the same size.  
Fold one piece into two equal pieces.  
Fold the other into eight equal pieces.  
What equivalent fractions can you find?



Use the models to write equivalent fractions.



You can make fraction strips like in the activity above for the following questions.

Re-watch: <https://www.youtube.com/watch?v=nH7s9SIjwus> to help you.

If you need a reminder on the method for making equivalent fractions without fraction strips then watch: <https://www.youtube.com/watch?v=qcHHhd6HizI>

Now try these:

1. Write  $<$ ,  $>$  or  $=$  between each pair of fractions. Remember to change them to equivalent fractions.

1)  $\frac{2}{5}$    $\frac{1}{2}$

2)  $\frac{2}{3}$    $\frac{3}{4}$

3)  $\frac{2}{9}$    $\frac{1}{3}$

4)  $\frac{3}{8}$    $\frac{1}{2}$

5)  $\frac{2}{3}$    $\frac{4}{5}$

6)  $\frac{5}{6}$    $\frac{5}{8}$

7)  $\frac{6}{7}$    $\frac{3}{4}$

8)  $\frac{7}{15}$    $\frac{14}{30}$

9)  $\frac{1}{4}$    $\frac{3}{14}$

10)  $\frac{2}{3}$    $\frac{3}{5}$

11)  $\frac{5}{7}$    $\frac{7}{9}$

12)  $\frac{3}{11}$    $\frac{1}{3}$

13)  $\frac{3}{10}$    $\frac{5}{12}$

14)  $\frac{1}{2}$    $\frac{8}{15}$

15)  $\frac{35}{100}$    $\frac{3}{4}$

16)  $\frac{24}{36}$    $\frac{17}{72}$

2. Find the common denominators for these fractions and write them in order, starting with the largest. Then write the original fractions in order.

1)  $\frac{1}{2}$   $\frac{1}{4}$   $\frac{3}{8}$

2)  $\frac{5}{8}$   $\frac{3}{4}$   $\frac{5}{6}$

3)  $\frac{5}{6}$   $\frac{7}{9}$   $\frac{2}{3}$

4)  $\frac{4}{7}$   $\frac{5}{6}$   $\frac{2}{3}$

5)  $\frac{1}{2}$   $\frac{2}{3}$   $\frac{4}{5}$   $\frac{1}{6}$

6)  $\frac{3}{8}$   $\frac{4}{5}$   $\frac{1}{10}$   $\frac{3}{4}$

7)  $\frac{1}{6}$   $\frac{3}{4}$   $\frac{1}{10}$   $\frac{2}{5}$

8)  $\frac{3}{10}$   $\frac{2}{5}$   $\frac{5}{6}$   $\frac{3}{8}$

9)  $\frac{2}{6}$   $\frac{3}{5}$   $\frac{2}{9}$   $\frac{3}{18}$

10)  $\frac{1}{2}$   $\frac{5}{9}$   $\frac{3}{4}$   $\frac{2}{3}$

11)  $\frac{1}{4}$   $\frac{3}{15}$   $\frac{2}{5}$   $\frac{1}{3}$

12)  $\frac{7}{30}$   $\frac{3}{5}$   $\frac{5}{12}$   $\frac{3}{4}$

13)  $\frac{5}{8}$   $\frac{4}{7}$   $\frac{3}{4}$   $\frac{3}{28}$

14)  $\frac{3}{8}$   $\frac{3}{25}$   $\frac{1}{4}$   $\frac{2}{5}$

## Answer sheet.

1. Write  $<$ ,  $>$  or  $=$  between each pair of fractions. Remember to change them to equivalent fractions.

1)  $\frac{2}{5} < \frac{1}{2}$

2)  $\frac{2}{3} < \frac{3}{4}$

3)  $\frac{2}{9} < \frac{1}{3}$

4)  $\frac{3}{8} < \frac{1}{2}$

5)  $\frac{2}{3} < \frac{4}{5}$

6)  $\frac{5}{6} > \frac{5}{8}$

7)  $\frac{6}{7} > \frac{3}{4}$

8)  $\frac{7}{15} = \frac{14}{30}$

9)  $\frac{1}{4} > \frac{3}{14}$

10)  $\frac{2}{3} > \frac{3}{5}$

11)  $\frac{5}{7} < \frac{7}{9}$

12)  $\frac{3}{11} < \frac{1}{3}$

13)  $\frac{3}{10} < \frac{5}{12}$

14)  $\frac{1}{2} < \frac{8}{15}$

15)  $\frac{35}{100} < \frac{3}{4}$

16)  $\frac{24}{36} > \frac{17}{72}$

2. Find the common denominators for these fractions and write them in order, starting with the largest. Then write the original fractions in order.

1)  $\frac{1}{2} > \frac{3}{8} > \frac{1}{4}$

2)  $\frac{5}{6} > \frac{3}{4} > \frac{5}{8}$

3)  $\frac{5}{6} > \frac{7}{9} > \frac{2}{3}$

4)  $\frac{5}{6} > \frac{2}{3} > \frac{4}{7}$

5)  $\frac{4}{5} > \frac{2}{3} > \frac{1}{2} > \frac{1}{6}$

6)  $\frac{4}{5} > \frac{3}{4} > \frac{3}{8} > \frac{1}{10}$

7)  $\frac{3}{4} > \frac{2}{5} > \frac{1}{6} > \frac{1}{10}$

8)  $\frac{5}{6} > \frac{2}{5} > \frac{3}{8} > \frac{3}{10}$

9)  $\frac{3}{5} > \frac{2}{6} > \frac{2}{9} > \frac{3}{18}$

10)  $\frac{3}{4} > \frac{2}{3} > \frac{5}{9} > \frac{1}{2}$

11)  $\frac{2}{5} > \frac{1}{3} > \frac{1}{4} > \frac{3}{15}$

12)  $\frac{3}{4} > \frac{3}{5} > \frac{5}{12} > \frac{7}{30}$

13)  $\frac{3}{4} > \frac{5}{8} > \frac{4}{7} > \frac{3}{28}$

14)  $\frac{2}{5} > \frac{1}{3} > \frac{1}{4} > \frac{3}{15}$