

Varied Fluency

Step 5: Compare and Order Less than 1

National Curriculum Objectives:

Mathematics Year 5: (5F3) [Compare and order fractions whose denominators are all multiples of the same number](#)

Differentiation:

Developing Questions to support comparing and ordering fractions less than 1 where the denominator is double or half of the starting fraction. Models and pictorial representations used.

Expected Questions to support comparing and ordering fractions less than 1 whose denominators are all multiples of the same number or some common numerators. Models and pictorial representations used.

Greater Depth Questions to support comparing and ordering fractions less than 1 whose denominators have a common factor or some common numerators. Some models and pictorial representations used.

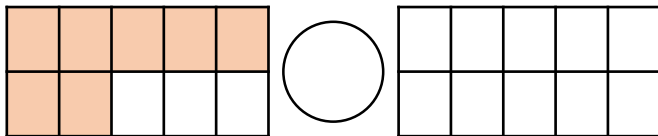
More [Year 5 and Year 6 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Compare and Order Less than 1

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1a. Colour the model to show $\frac{7}{10}$ and $\frac{3}{5}$.

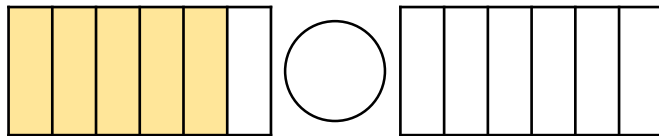


Compare using $<$, $>$ or $=$.



5 VF

1b. Colour the model to show $\frac{5}{6}$ and $\frac{1}{3}$.



Compare using $<$, $>$ or $=$.



5 VF

2a. Match the fraction to the correct model and then put them in ascending order.

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



2. $\frac{3}{8}$



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



5 VF

2b. Match the fraction to the correct model and then put them in ascending order.

1. $\frac{5}{6}$



2. $\frac{9}{12}$

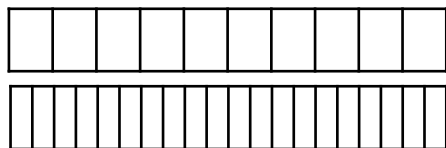


3. $\frac{3}{6}$



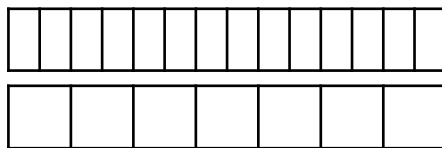
5 VF

3a. True or false? $\frac{3}{10} > \frac{7}{20}$



5 VF

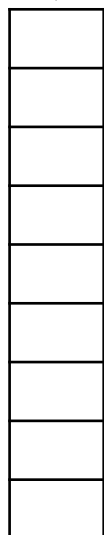
3b. True or false? $\frac{3}{14} < \frac{2}{7}$



5 VF

4a. Tick the largest fraction. Use the models to help you.

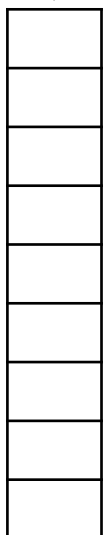
$\frac{7}{9}$



$\frac{11}{18}$



$\frac{4}{9}$



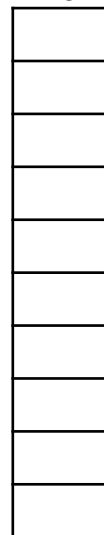
5 VF

4b. Tick the largest fraction. Use the models to help you.

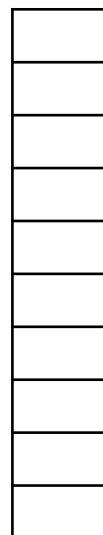
$\frac{3}{5}$



$\frac{7}{10}$



$\frac{5}{10}$

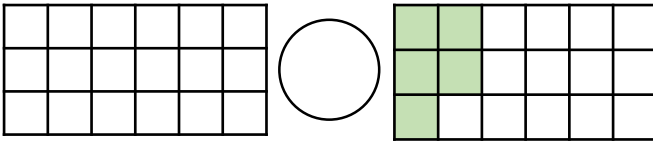


5 VF

Compare and Order Less than 1

Compare and Order Less than 1

5a. Colour the model to show $\frac{2}{6}$ and $\frac{5}{18}$.

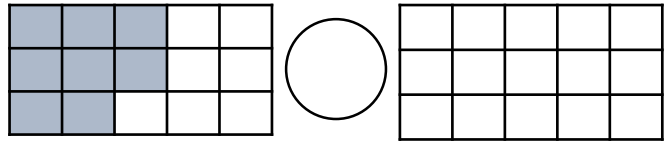


Compare using $<$, $>$ or $=$.



5 VF

5b. Colour the model to show $\frac{8}{15}$ and $\frac{3}{5}$.



Compare using $<$, $>$ or $=$.



5 VF

6a. Match the fraction to the correct model and then put them in ascending order.

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



2. $\frac{5}{6}$



3. $\frac{5}{12}$



5 VF

6b. Match the fraction to the correct model and then put them in descending order.

1. $\frac{8}{10}$



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

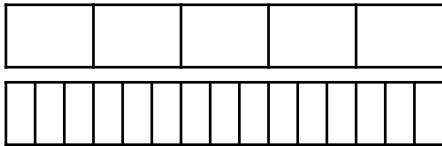


3. $\frac{11}{20}$



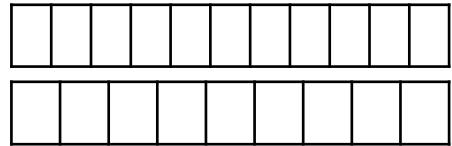
5 VF

7a. True or false? $\frac{1}{5} > \frac{4}{15}$



5 VF

7b. True or false? $\frac{6}{11} < \frac{6}{9}$



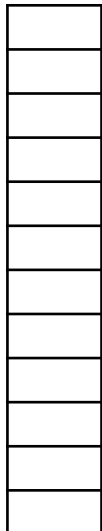
5 VF

8a. Tick the largest fraction. Use the models to help you.

$\frac{2}{3}$



$\frac{7}{12}$



$\frac{5}{6}$



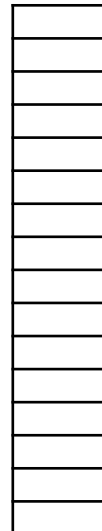
5 VF

8b. Tick the largest fraction. Use the models to help you.

$\frac{3}{4}$



$\frac{11}{16}$



$\frac{5}{8}$

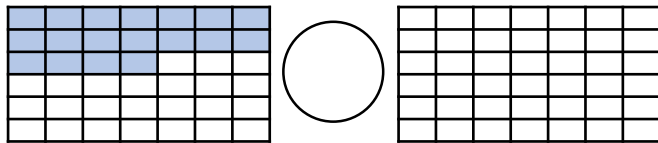


5 VF

Compare and Order Less than 1

Compare and Order Less than 1

9a. Colour the model to show $\frac{9}{21}$ and $\frac{5}{14}$.

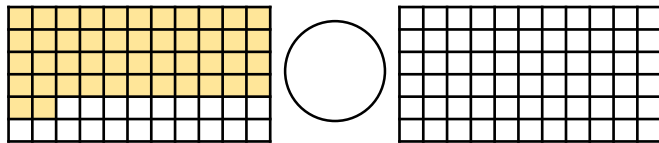


Compare using $<$, $>$ or $=$.



5 VF

9b. Colour the model to show $\frac{23}{33}$ and $\frac{19}{22}$.



Compare using $<$, $>$ or $=$.



5 VF

10a. Match the fraction to the correct model and then put them in ascending order.

1. $\frac{3}{6}$



2. $\frac{11}{18}$



3. $\frac{5}{12}$



5 VF

10b. Match the fraction to the correct model and then put them in descending order.

1. $\frac{7}{10}$



2. $\frac{17}{25}$



3. $\frac{4}{5}$



5 VF

11a. True or false? $\frac{22}{45} > \frac{11}{18}$

Use your 9 times tables to help you.



5 VF

11b. True or false? $\frac{3}{11} < \frac{6}{37}$

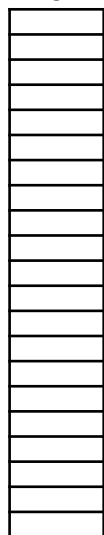
Use the numerators to help you.



5 VF

12a. Tick the largest fraction. Use the models to help you.

$\frac{1}{3}$



$\frac{11}{12}$



$\frac{11}{18}$



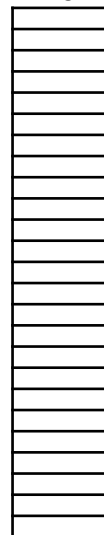
5 VF

12b. Tick the largest fraction. Use the models to help you.

$\frac{4}{5}$



$\frac{18}{25}$



$\frac{22}{35}$



5 VF

Varied Fluency

Compare and Order Less than One

Developing

1a. 6 parts shaded, >

2a. 1C, 2A, 3B (ascending: 1, 2, 3)

3a. False, $\frac{3}{10} < \frac{7}{20}$

4a. $\frac{7}{9}$

Expected

5a. 6 parts shaded, >

6a. 1A, 2B, 3C (ascending: 3, 1, 2)

7a. False, $\frac{1}{5} < \frac{4}{15}$

8a. $\frac{5}{6}$

Greater Depth

9a. 15 parts shaded, >

10a. 1C, 2B, 3A (ascending: 3, 1, 2)

11a. False, $\frac{22}{45} < \frac{11}{18}$

12a. $\frac{11}{12}$

Varied Fluency

Compare and Order Less than One

Developing

1b. 2 parts shaded, >

2b. 1C, 2A, 3B (ascending: 3, 2, 1)

3b. True

4b. $\frac{7}{10}$

Expected

5b. 9 parts shaded, <

6b. 1C, 2B, 3A (descending: 1, 3, 2)

7b. True

8b. $\frac{3}{4}$

Greater Depth

9b. 57 parts shaded, <

10b. 1A, 2C, 3B (descending: 3, 1, 2)

11b. False, $\frac{3}{11} > \frac{6}{37}$

12b. $\frac{4}{5}$