

05.03.21

LO: I can compare and order fractions that are less than 1.

1 Write the fractions in ascending order.

a) $\frac{2}{5}, \frac{2}{7}, \frac{2}{3}, \frac{2}{4}, \frac{2}{10}$

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b) $\frac{2}{3}, \frac{5}{9}, \frac{1}{9}, \frac{5}{6}, \frac{2}{9}$

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c) $\frac{3}{5}, \frac{7}{10}, \frac{1}{2}, \frac{3}{10}, \frac{1}{5}$

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d) $\frac{3}{8}, \frac{6}{17}, \frac{12}{30}, \frac{2}{7}, \frac{1}{3}$

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2 Tommy and Eva are comparing fractions.

$\frac{2}{3}$	$\frac{8}{12}$	$\frac{4}{9}$
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Tommy

I found a common denominator of 36 to compare the fractions.

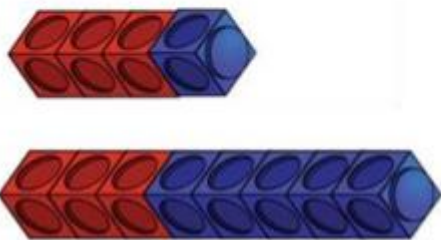
I found a common numerator of 4 to compare the fractions.



Eva

Whose method is more efficient? _____

- 3 Ron makes $\frac{3}{4}$ and $\frac{3}{8}$ out of cubes.



He thinks that $\frac{3}{8}$ is equal to $\frac{3}{4}$

Do you agree?
Explain your answer.

- 5 Always, sometimes, never?

If one denominator is a multiple of the other you can simplify the fraction with the larger denominator to make the denominators the same.

Example:

Could $\frac{?}{4}$ and $\frac{?}{12}$ be simplified to $\frac{?}{4}$ and $\frac{?}{4}$?

Prove it.

- 4 What could the missing numerator be?

$$\frac{3}{5} < \frac{\square}{15} < \frac{9}{10}$$

Write all four possibilities.

$$\frac{\square}{15}$$

$$\frac{\square}{15}$$

$$\frac{\square}{15}$$

$$\frac{\square}{15}$$

My advice would be to convert into fifteenths... Even if this means that you have a numerator with a decimal.