

MY Homework

Lesson 7

Use Benchmark Fractions to Compare and Order

Homework Helper



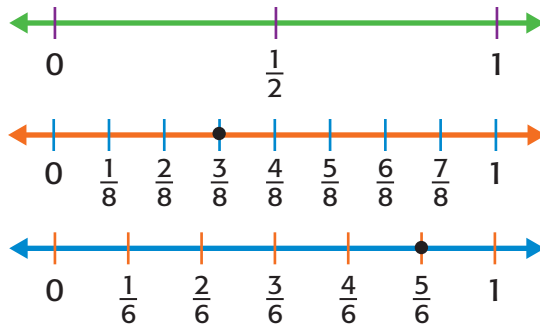
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Connor has completed $\frac{3}{8}$ of his homework. Aidan has finished $\frac{5}{6}$ of his homework. Who is closer to being finished with his homework?

Use benchmark fractions, or common fractions, to compare $\frac{3}{8}$ and $\frac{5}{6}$.

1 Use $\frac{1}{2}$ as a benchmark fraction.

You know that $\frac{1}{2}$ is equivalent to $\frac{4}{8}$ and $\frac{3}{6}$.



2 Compare.

$\frac{3}{8}$ is less than $\frac{1}{2}$, and $\frac{5}{6}$ is greater than $\frac{1}{2}$.

So, Aidan is closer to finishing his homework than Connor.

Practice

Use a benchmark fraction to compare. Use $>$, $<$, or $=$.

1. $\frac{3}{8} \bigcirc \frac{3}{4}$

2. $\frac{4}{6} \bigcirc \frac{3}{8}$

3. $\frac{1}{8} \bigcirc \frac{5}{6}$

Use a benchmark fraction to compare. Use $>$, $<$, or $=$.

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



5. $\frac{3}{5} \bigcirc \frac{2}{6}$



6. $\frac{3}{6} \bigcirc \frac{2}{5}$

7. $\frac{2}{4} \bigcirc \frac{2}{3}$

Order from *least to greatest*.

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

9. $\frac{3}{6}, \frac{3}{4}, \frac{2}{8}$ _____



Problem Solving

10. Bailey has an hour to get ready for school. She spends $\frac{3}{6}$ of that time getting dressed. She spends $\frac{1}{4}$ of that time eating breakfast. Does Bailey spend more time getting dressed or eating breakfast?

11. **Mathematical PRACTICE** **Use Number Sense** Zane eats $\frac{1}{8}$ of a pizza. Later he eats $\frac{1}{2}$ of the same pizza. Did he eat more the first or second time?



Vocabulary Check



12. How do I use benchmark fractions?

Test Practice

13. Which fraction is not greater than $\frac{2}{5}$?

- (A) $\frac{3}{10}$ (B) $\frac{7}{10}$ (C) $\frac{2}{4}$ (D) $\frac{3}{6}$