

Compare unlike fractions

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Take your time. Show your thinking. All equivalent answers are welcome unless a particular form is requested.

1. Compare $\frac{1}{2}$ $\underline{\hspace{1cm}}$ $\frac{4}{5}$ of the same-sized whole.

$\frac{1}{2}$



$\frac{4}{5}$



☐ $<$ ☐ $=$ ☐ $>$

2. Compare $\frac{2}{3}$ $\underline{\hspace{1cm}}$ $\frac{3}{10}$ of the same-sized whole.

$\frac{2}{3}$



$\frac{3}{10}$



☐ $<$ ☐ $=$ ☐ $>$

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3. Compare $\frac{1}{6}$ $\frac{18}{12}$ of the same-sized whole.

$\frac{1}{6}$



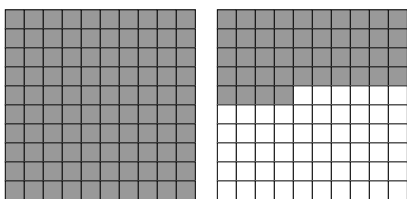
$\frac{18}{12}$



☐ $<$ ☐ $=$ ☐ $>$

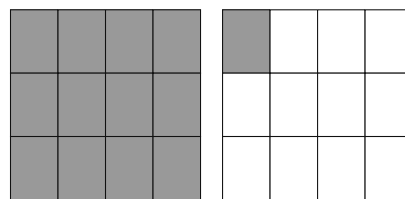
4. Compare $\frac{144}{100}$ $\frac{13}{12}$ of the same-sized whole.

$\frac{144}{100}$



Each square is one whole, with 10 rows of 10 hundredths.

$\frac{13}{12}$



Each square is one whole, with 12 equal parts.

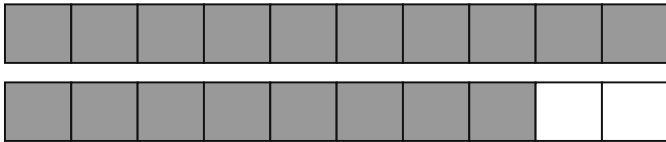
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5. Compare $18/10$ $\underline{\hspace{1cm}}$ $6/6$ of the same-sized whole.

$18/10$



$6/6$



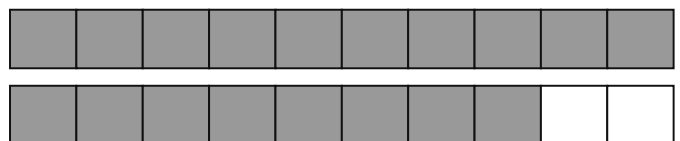
☐ $<$ ☐ $=$ ☐ $>$

6. Compare $10/12$ $\underline{\hspace{1cm}}$ $18/10$ of the same-sized whole. Which reason would help you solve this correctly?

$10/12$



$18/10$



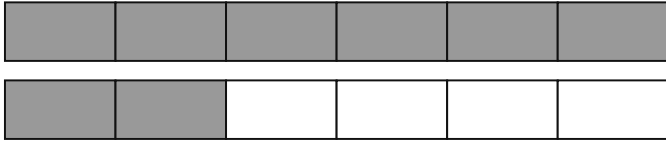
- A. Rename both fractions with a common denominator, or compare them with one half or one whole.
 - B. Add the numerators and denominators separately.
 - C. The denominator counts only the shaded parts.
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7. Compare $\frac{8}{6}$ $\frac{2}{3}$ meter lengths.

$\frac{8}{6}$

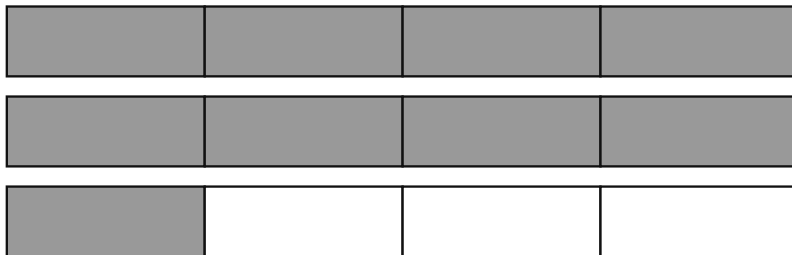


$\frac{2}{3}$



☐ $<$ ☐ $=$ ☐ $>$

8. Fill in the missing numerator: $\frac{9}{4} = \frac{?}{100}$.



Answer: _____