

Compare and rename fractions • Lesson B

Review & apply • 8 questions • US Letter

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

1. Write a fraction equal to $\frac{6}{4}$ with denominator 8.



Answer: _____

2. Compare $\frac{1}{3}$ $\underline{\hspace{0.5cm}}$ $\frac{2}{3}$ of the same-sized whole.

$\frac{1}{3}$



$\frac{2}{3}$

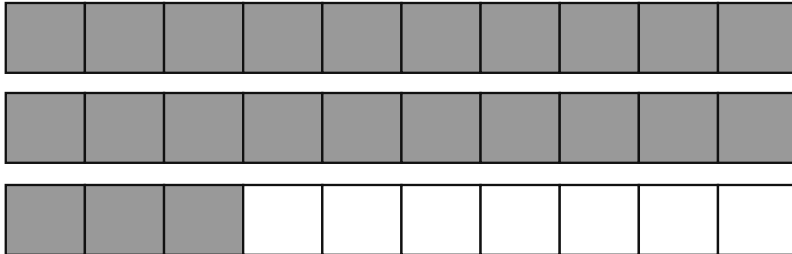


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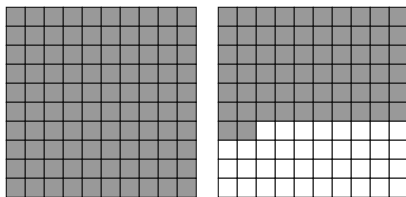
3. Fill in the missing numerator: $23/10 = ?/100$.



Answer: _____

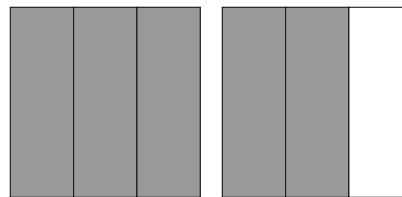
4. Compare $162/100$ _ $5/3$ of the same-sized whole.

162/100



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

5/3



Each square is one whole, with 3 equal parts.

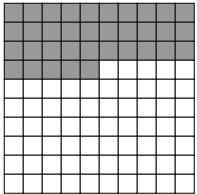
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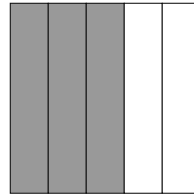
5. Compare $35/100$ $_$ $3/5$ of the same-sized whole.

$35/100$



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

$3/5$



Each square is one whole, with 5 equal parts.

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6. Write $36/100$ as a sum of two positive fractions with denominator 100.

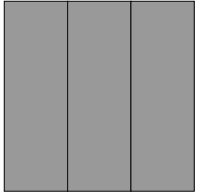
_____ + _____

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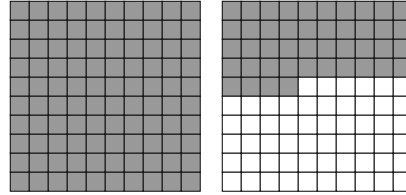
7. Compare $\frac{3}{3}$ $\frac{144}{100}$ of the same-sized whole. Which reason would help you solve this correctly?

$\frac{3}{3}$



Each square is one whole, with 3 equal parts.

$\frac{144}{100}$



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

- 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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8. Split a $10/5$ -meter ribbon into two positive lengths. Write both lengths with denominator 5.

_____ + _____