

Estimate fraction sums and differences

Independent practice · 8 questions · US Letter

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

1. Is $3/12 + 1/8$ less than, equal to, or greater than 1?

$3/12$



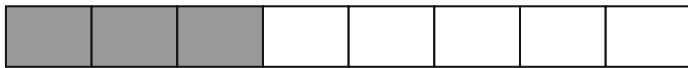
$1/8$



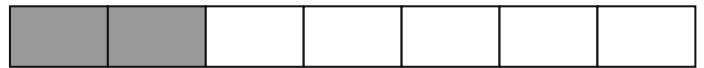
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2. Is $3/8 - 2/7$ less than, equal to, or greater than $1/2$?

$3/8$



$2/7$



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3. Is $7/9 - 1/2$ less than, equal to, or greater than $1/2$?

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4. Is $6/7 + 4/8$ less than, equal to, or greater than 1?

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5. Is $6/7 - 1/2$ less than, equal to, or greater than $1/2$?

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6. Is $\frac{1}{3} + \frac{3}{4}$ less than, equal to, or greater than 1? Which reason would help you solve this correctly?
- A. Use one half and one whole as benchmarks. If it is close, rename the fractions to check the boundary exactly.
 - B. Add the numerators and denominators separately.
 - C. The denominator counts only the shaded parts.
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7. A jug has $\frac{1}{5}$ liters of water. Another $\frac{2}{6}$ liters are poured in. Is the result less than, equal to, or greater than 1 liter?

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8. Compare $\frac{5}{5}$ $\frac{2}{2}$ of the same-sized whole.

$\frac{5}{5}$



$\frac{2}{2}$



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