

Estimate fraction sums and differences

Independent practice · 8 questions · US Letter

Name: _____ Date: _____

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

1. Is $5/6 + 2/4$ less than, equal to, or greater than 1?

5/6



2/4



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2. Is $3/4 - 3/6$ less than, equal to, or greater than $1/2$?

3/4



3/6



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3. Is $4/5 + 8/10$ less than, equal to, or greater than 1?

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

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5. Is $\frac{6}{8} + \frac{1}{6}$ less than, equal to, or greater than 1?

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6. Is $\frac{1}{3} + \frac{4}{6}$ less than, equal to, or greater than 1? Choose the explanation.

- A. Use halves and wholes to estimate; check exactly when close to the benchmark.
- B. Round every proper fraction down to zero before comparing with the benchmark.
- C. Treat a result close to the benchmark as exactly equal to it.

7. A jug has $\frac{3}{4}$ liters of water. Another $\frac{1}{12}$ liters are poured in. Is the result less than, equal to, or greater than 1 liter?

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8. Compare $\frac{3}{2}$ $\frac{21}{12}$ of the same-sized whole.

$\frac{3}{2}$



$\frac{21}{12}$



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