

Estimate fraction sums and differences

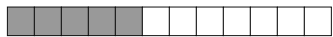
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Name: _____ Date: _____

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

1. Is $5/12 + 2/4$ less than, equal to, or greater than 1?

5/12



2/4



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

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

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4. Is $3/6 + 1/2$ less than, equal to, or greater than 1? Choose the explanation.

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

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5. A path has a $\frac{7}{8}$ -meter section followed by a $\frac{1}{4}$ -meter section. Is the result less than, equal to, or greater than 1 meter?

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6. A ribbon is $\frac{3}{4}$ meters long. You cut off $\frac{1}{5}$ meters. Is the result less than, equal to, or greater than $\frac{1}{2}$ meter?

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7. Find $\frac{4}{5} + \frac{4}{5}$.

Answer: _____

8. Compare $\frac{3}{5}$ $\frac{2}{3}$ of the same-sized whole.

 $\frac{3}{5}$  **$\frac{2}{3}$** 

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