Estimate fraction sums and differences

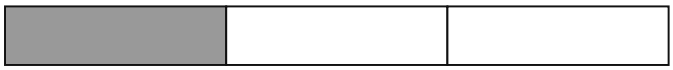
Review & apply · 8 questions · A4

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

1. Is 8/11 + 1/3 less than, equal to, or greater than 1?

8/11

1/3



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2. Is 7/11 – 2/4 less than, equal to, or greater than 1/2?

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

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4. Is 2/3 – 5/9 less than, equal to, or greater than 1/2? 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.

5. Two ribbon lengths measure 2/4 meters and 3/5 meters. Is the result less than, equal to, or greater than 1 meter?

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6. A ribbon is 6/8 meters long. You cut off 1/2 meters. Is the result less than, equal to, or greater than 1/2 meter?

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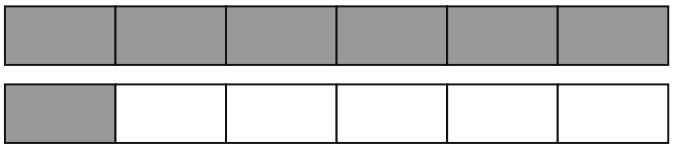
7. Compare 7/6 __ 4/8 of the same-sized whole.

7/6



4/8

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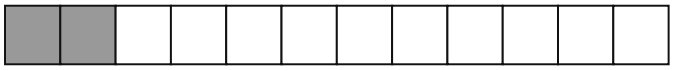
8. Compare 1/2 __ 2/12 of the same-sized whole.

1/2

2/12



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