

Decompose fractions

Build understanding · 8 questions · US Letter

Name: _____ Date: _____

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

- 1.** Write $\frac{4}{4}$ as a sum of two positive fractions with denominator 4.



_____ + _____

- 2.** Write $\frac{4}{5}$ as a sum of two positive fractions with denominator 5.



_____ + _____

- 3.** Write $\frac{6}{8}$ as a sum of two positive fractions with denominator 8.



_____ + _____

- 4.** Write $\frac{16}{100}$ as a sum of two positive fractions with denominator 100.

_____ + _____

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- 5.** Write $\frac{2}{4}$ as a sum of two positive fractions with denominator 4.

_____ + _____

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- 7.** A ribbon is $\frac{2}{2}$ meter long. Split it into two positive lengths. Write both lengths with denominator 2.

_____ + _____

- 6.** Write $\frac{9}{10}$ as a sum of two positive fractions with denominator 10. Choose the explanation.

- A. Keep denominator 10; split the numerator into two positive counts with the same total.
- B. Split both numerator and denominator into two counts, then add the new fractions.
- C. Use zero for one fraction and the whole amount for the other fraction.

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- 8.** Write 1 as a fraction with denominator 1.

Answer: _____