

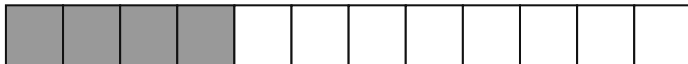
Decompose fractions

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.** Write $\frac{4}{12}$ as a sum of two positive fractions with denominator 12.



_____ + _____

- 2.** Write $\frac{3}{5}$ as a sum of two positive fractions with denominator 5.



_____ + _____

- 3.** Write $\frac{197}{100}$ as a sum of two positive fractions with denominator 100.

_____ + _____

- 4.** Write $\frac{9}{4}$ as a sum of two positive fractions with denominator 4.

_____ + _____

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- 5.** Write $\frac{7}{5}$ as a sum of two positive fractions with denominator 5.

_____ + _____

- 6.** Write $\frac{9}{4}$ as a sum of two positive fractions with denominator 4. Choose the explanation.

- A. Split both numerator and denominator into two counts, then add the new fractions.
- B. Keep denominator 4; split the numerator into two positive counts with the same total.
- C. Use zero for one fraction and the whole amount for the other fraction.

- 7.** A ribbon is $\frac{12}{6}$ meter long. Split it into two positive lengths. Write both lengths with denominator 6.

_____ + _____

- 8.** Fill in the missing numerator: $\frac{1}{2} = \frac{?}{8}$.

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Answer: _____