

## Decomposing Fractions into Unit Fractions

A) Express each fraction as a sum of unit fractions.

$$1) \frac{9}{11} = \frac{1}{11} + \frac{1}{11} + \frac{1}{11} + \frac{1}{11} + \frac{1}{11} + \frac{1}{11} + \frac{1}{11} + \frac{1}{11} + \frac{1}{11}$$

$$2) \frac{3}{4} =$$

7

# Preview

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B)

of

$$c) \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$

$$d) \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$

2) Which of the following expressions shows  $\frac{5}{7}$  decomposed into a sum of unit fractions?

$$a) \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$$

$$b) \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$$

$$c) \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$$

$$d) \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$$