

Name _____

Decompose each fraction into a sum of fractions in two different ways.

1.

$5/10$	
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2.

$6/12$	
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3.

$3/5$	
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4.

$\frac{5}{8}$	
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5.

$\frac{4}{6}$	
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Name key - EXAMPLES PROVIDED

Decompose each fraction into a sum of fractions in two different ways.

(10 points total)

1.

5/10

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

$$\frac{2}{10} + \frac{3}{10}$$

$$\frac{1}{5} + \frac{1}{5} + \frac{1}{10}$$

2.

6/12

$$\frac{1}{4} + \frac{1}{4}$$

$$\frac{2}{12} + \frac{2}{12} + \frac{2}{12}$$

$$\frac{3}{12} + \frac{3}{12}$$

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$$

3.

3/5

$$\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$$

$$\frac{1}{5} + \frac{2}{5}$$

4.

$\frac{5}{8}$

$$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

$$\frac{2}{8} + \frac{3}{8}$$

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{8}$$

$$\frac{1}{2} + \frac{1}{8}$$

5.

$\frac{4}{6}$

$$\frac{1}{2} + \frac{1}{6}$$

$$\frac{2}{6} + \frac{2}{6}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

$$\frac{1}{3} + \frac{1}{3}$$