

Name: Class:

Decompose fractions



a. Tick the expression(s) that shows $\frac{10}{5}$ as a sum of three fractions.

$\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$
 $\frac{1}{5} + \frac{4}{5} + \frac{5}{5}$
 $\frac{1}{5} + \frac{2}{5} + \frac{3}{5} + \frac{4}{5}$

b. Tick the expression(s) that shows $\frac{5}{7}$ as a sum of two fractions.

$\frac{2}{7} + \frac{3}{7}$
 $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$
 $\frac{1}{7} + \frac{4}{7}$

c. Tick the expression(s) that shows $\frac{5}{8}$ as a sum of three fractions.

$\frac{1}{8} + \frac{2}{8} + \frac{2}{8}$
 $\frac{4}{8} + \frac{1}{8}$
 $\frac{1}{8} + \frac{1}{8} + \frac{3}{8}$

d. Tick the expression(s) that shows $\frac{13}{5}$ as a sum of four fractions.

$\frac{7}{5} + \frac{6}{5}$
 $\frac{2}{5} + \frac{3}{5} + \frac{4}{5} + \frac{4}{5}$
 $\frac{1}{5} + \frac{2}{5} + \frac{4}{5} + \frac{6}{5}$

e. Tick the expression(s) that shows $\frac{7}{9}$ as a sum of two fractions.

$\frac{5}{9} + \frac{2}{9}$
 $\frac{3}{9} + \frac{4}{9}$
 $\frac{1}{9} + \frac{6}{9}$



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Since the denominators are the same, we just need to add the numerators of each option and check if they add up to 10

let's check option a.

$$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{1+1+1}{5} = \frac{3}{5}$$

Then, let's check option b.

$$\frac{1}{5} + \frac{4}{5} + \frac{5}{5} = \frac{1+4+5}{5} = \frac{10}{5}$$

Now, let's check option c.

$$\frac{1}{5} + \frac{2}{5} + \frac{3}{5} + \frac{4}{5} = \frac{1+2+3+4}{5} = \frac{10}{5}$$

Finally let's conclude.

You see that option b and c sum up to $\frac{10}{5}$

but option b is the only correct answer because it is exactly a sum of three fractions.

b. Tick the expression(s) that shows $\frac{5}{7}$ as a sum of two fractions.

$\frac{2}{7} + \frac{3}{7}$

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

$\frac{1}{7} + \frac{4}{7}$

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