24.02.21 Support Task and Answers

LO To add 3 fractions

Complete the addition of the fractions below. They each have a different denominator. You will need to convert the fractions so they each have the same denominator.
Here is an example.

$$\frac{1}{3} + \frac{1}{6} + \frac{5}{12} = \frac{4}{12} + \frac{2}{12} + \frac{5}{12} = \frac{11}{12}$$

Now fill in the gaps in these addition of fractions:

1. $\frac{1}{4} + \frac{3}{8} + \frac{3}{16} = \frac{\square}{16} + \frac{6}{16} + \frac{\square}{16} = \frac{\square}{16}$

2. $\frac{1}{3} + \frac{1}{6} + \frac{3}{12} = \frac{\square}{12} + \frac{\square}{12} + \frac{3}{12} = \frac{\square}{12}$

3. $\frac{1}{5} + \frac{3}{10} + \frac{1}{20} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{1}{20} = \frac{\square}{\square}$

4. $\frac{1}{3} + \frac{2}{9} + \frac{3}{18} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$

Answers

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1. $\frac{1}{4} + \frac{3}{8} + \frac{3}{16} = \frac{4}{16} + \frac{6}{16} + \frac{3}{16} = \frac{13}{16}$

2. $\frac{1}{3} + \frac{1}{6} + \frac{3}{12} = \frac{4}{12} + \frac{2}{12} + \frac{3}{12} = \frac{9}{12}$

3. $\frac{1}{5} + \frac{3}{10} + \frac{1}{20} = \frac{4}{20} + \frac{6}{20} + \frac{1}{20} = \frac{11}{20}$

4. $\frac{1}{3} + \frac{2}{9} + \frac{3}{18} = \frac{6}{18} + \frac{4}{18} + \frac{3}{18} = \frac{13}{18}$