Add Fractions

Aim: to add fractions

Add the following fractions. You will need to convert the fractions so they all have the same denominator.

1.

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

$$\frac{}{12} + \frac{}{12} + \frac{}{12} + \frac{}{12} = \frac{}{12}$$

2.

$$\frac{2}{9} + \frac{5}{18} + \frac{2}{3} + \frac{5}{6} =$$

$$\frac{}{18} + \frac{}{18} + \frac{}{18} + \frac{}{18} = \frac{}{18}$$

3.

$$\frac{7}{20} + \frac{4}{5} + \frac{3}{4} + \frac{6}{10} =$$

$$\frac{}{20} + \frac{}{20} + \frac{}{20} + \frac{}{20} =$$

4.

$$\frac{7}{24} + \frac{7}{12} + \frac{3}{8} + \frac{1}{4} =$$

$$\frac{}{} + \frac{}{} + \frac{}{} + \frac{}{24} =$$

5.

$$\frac{1}{6} + \frac{26}{30} + \frac{4}{15} + \frac{7}{10} =$$

$$\frac{}{} + \frac{}{} + \frac{}{} + \frac{}{} =$$

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Add the following fractions. You will need to convert the fractions so they all have the same denominator.

1.

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

$$\frac{9}{12} + \frac{5}{12} + \frac{2}{12} + \frac{8}{12} = \frac{24}{12}$$

2.

$$\frac{2}{9} + \frac{5}{18} + \frac{2}{3} + \frac{5}{6} = 2$$

$$\frac{4}{18} + \frac{5}{18} + \frac{12}{18} + \frac{15}{18} = \frac{36}{18}$$

3.

$$\frac{7}{20} + \frac{4}{5} + \frac{3}{4} + \frac{6}{10} = 2\frac{1}{2}$$

$$\frac{7}{20} + \frac{16}{20} + \frac{15}{20} + \frac{12}{20} = \frac{50}{20}$$

4.

$$\frac{7}{24} + \frac{7}{12} + \frac{3}{8} + \frac{1}{4} = 1\frac{1}{2}$$

$$\frac{7}{24} + \frac{14}{24} + \frac{9}{24} + \frac{6}{24} = \frac{36}{24}$$

5.

$$\frac{1}{6} + \frac{26}{30} + \frac{4}{15} + \frac{7}{10} = 2$$

$$\frac{5}{30} + \frac{26}{30} + \frac{8}{30} + \frac{21}{30} = \frac{60}{30}$$

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Add the following fractions. You will need to convert the fractions so they all have the same denominator.

1.
$$\frac{3}{5} + \frac{5}{8} + \frac{1}{10} + \frac{1}{4} =$$

$$\frac{}{40} + \frac{}{40} + \frac{}{40} + \frac{}{40} = \frac{}{40}$$

2.
$$\frac{2}{3} + \frac{5}{9} + \frac{1}{5} + \frac{13}{15} = \frac{}{}$$

$$\frac{}{45} + \frac{}{45} + \frac{}{45} + \frac{}{45} = \frac{}{45}$$

3.
$$\frac{7}{8} + \frac{5}{6} + \frac{1}{4} + \frac{2}{3} = \frac{}{}$$

$$\frac{}{} + \frac{}{} + \frac{}{} + \frac{}{} = \frac{}{}$$

4.
$$\frac{7}{16} + \frac{7}{12} + \frac{7}{8} + 1\frac{1}{6} = \frac{}{}$$

$$\frac{}{} + \frac{}{} + \frac{}{} + \frac{}{} = \frac{}{}$$

5.
$$\frac{31}{18} + \frac{5}{12} + 6\frac{1}{2} + \frac{7}{9} = \frac{}{}$$

$$\frac{}{} + \frac{}{} + \frac{}{} + \frac{}{} = \frac{}{}$$

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1.

$$\frac{3}{5} + \frac{5}{8} + \frac{1}{10} + \frac{1}{4} = 1\frac{23}{40}$$

$$\frac{24}{40} + \frac{25}{40} + \frac{4}{40} + \frac{10}{40} = \frac{63}{40}$$

2.

$$\frac{2}{3} + \frac{5}{9} + \frac{1}{5} + \frac{13}{15} = 2\frac{13}{45}$$

$$\frac{30}{45} + \frac{25}{45} + \frac{9}{45} + \frac{39}{45} = \frac{103}{45}$$

3.

$$\frac{7}{8} + \frac{5}{6} + \frac{1}{4} + \frac{2}{3} = 2\frac{5}{8}$$

$$\frac{21}{24} + \frac{20}{24} + \frac{6}{24} + \frac{16}{24} = \frac{63}{24}$$

4.

$$\frac{7}{16} + \frac{7}{12} + \frac{7}{8} + 1\frac{1}{6} = 3\frac{3}{48}$$

$$\frac{21}{48} + \frac{28}{48} + \frac{42}{48} + \frac{56}{48} = \frac{147}{48}$$

5.

$$\frac{31}{18} + \frac{5}{12} + 6\frac{1}{2} + \frac{7}{9} = 9\frac{15}{36}$$

$$\frac{62}{36} + \frac{15}{36} + \frac{234}{36} + \frac{28}{36} = \frac{339}{36}$$

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Add the following fractions. You will need to convert the fractions so they all have the same denominator.

1. $\dfrac{1}{4}$ + $\dfrac{2}{7}$ + $\dfrac{3}{8}$ + $\dfrac{2}{5}$ = ____

   $\dfrac{}{280}$ + $\dfrac{}{280}$ + $\dfrac{}{280}$ + $\dfrac{}{280}$ = ____

2. $\dfrac{4}{9}$ + $\dfrac{1}{10}$ + $\dfrac{1}{2}$ + $\dfrac{2}{3}$ = ____

   ____ + ____ + ____ + ____ = ____

3. $\dfrac{7}{12}$ + $2\dfrac{4}{5}$ + $3\dfrac{1}{3}$ + $\dfrac{3}{4}$ = ____

   ____ + ____ + ____ + ____ = ____

4. $1\dfrac{3}{4}$ + $\dfrac{3}{11}$ + $3\dfrac{3}{8}$ + $\dfrac{11}{12}$ = ____

   ____ + ____ + ____ + ____ = ____

5. $\dfrac{11}{16}$ + $11\dfrac{3}{5}$ + $\dfrac{2}{4}$ + $4\dfrac{7}{17}$ = ____

   ____ + ____ + ____ + ____ = ____

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Add the following fractions. You will need to convert the fractions so they all have the same denominator.

1.

$$\frac{1}{4} + \frac{2}{7} + \frac{3}{8} + \frac{2}{5} = 1\frac{87}{280}$$

$$\frac{70}{280} + \frac{80}{280} + \frac{105}{280} + \frac{112}{280} = \frac{367}{280}$$

2.

$$\frac{4}{9} + \frac{1}{10} + \frac{1}{2} + \frac{2}{3} = 1\frac{32}{45}$$

$$\frac{40}{90} + \frac{9}{90} + \frac{45}{90} + \frac{60}{90} = \frac{154}{90}$$

3.

$$\frac{7}{12} + 2\frac{4}{5} + 3\frac{1}{3} + \frac{3}{4} = 7\frac{7}{15}$$

$$\frac{35}{60} + \frac{168}{60} + \frac{200}{60} + \frac{45}{60} = \frac{448}{60}$$

4.

$$1\frac{3}{4} + \frac{3}{11} + 3\frac{3}{8} + \frac{11}{12} = 6\frac{83}{264}$$

$$\frac{462}{264} + \frac{72}{264} + \frac{891}{264} + \frac{242}{264} = \frac{1667}{264}$$

5.

$$\frac{11}{16} + 11\frac{3}{5} + \frac{2}{4} + 4\frac{7}{17} = 17\frac{1493}{4080}$$

$$\frac{2805}{4080} + \frac{47328}{4080} + \frac{2720}{4080} + \frac{18000}{4080} = \frac{70853}{4080}$$