

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.

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

2.

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

3.

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

4.

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

5.

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

Add Fractions Answer Sheet

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

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

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

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

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

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$$\begin{aligned} 1. \quad & \frac{3}{5} + \frac{5}{8} + \frac{1}{10} + \frac{1}{4} = 1 \frac{23}{40} \\ & \frac{24}{40} + \frac{25}{40} + \frac{4}{40} + \frac{10}{40} = \frac{63}{40} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{2}{3} + \frac{5}{9} + \frac{1}{5} + \frac{13}{15} = 2 \frac{23}{45} \\ & \frac{30}{45} + \frac{25}{45} + \frac{9}{45} + \frac{39}{45} = \frac{103}{45} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{7}{8} + \frac{5}{6} + \frac{1}{4} + \frac{2}{3} = 2 \frac{5}{8} \\ & \frac{21}{24} + \frac{20}{24} + \frac{6}{24} + \frac{16}{24} = \frac{63}{24} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{7}{16} + \frac{7}{12} + \frac{7}{8} + 1 \frac{1}{6} = 3 \frac{3}{48} \\ & \frac{21}{48} + \frac{28}{48} + \frac{42}{48} + \frac{56}{48} = \frac{147}{48} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{31}{18} + \frac{5}{12} + 6 \frac{1}{2} + \frac{7}{9} = 9 \frac{15}{36} \\ & \frac{62}{36} + \frac{15}{36} + \frac{234}{36} + \frac{28}{36} = \frac{339}{36} \end{aligned}$$

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1. $\frac{1}{4} + \frac{2}{7} + \frac{3}{8} + \frac{2}{5} = \underline{\quad}$
 $\frac{\quad}{280} + \frac{\quad}{280} + \frac{\quad}{280} + \frac{\quad}{280} = \underline{\quad}$

2. $\frac{4}{9} + \frac{1}{10} + \frac{1}{2} + \frac{2}{3} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

3. $\frac{7}{12} + 2\frac{4}{5} + 3\frac{1}{3} + \frac{3}{4} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

4. $1\frac{3}{4} + \frac{3}{11} + 3\frac{3}{8} + \frac{11}{12} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

5. $\frac{11}{16} + 11\frac{3}{5} + \frac{2}{4} + 4\frac{7}{17} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

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$$\begin{aligned} 1. \quad & \frac{1}{4} + \frac{2}{7} + \frac{3}{8} + \frac{2}{5} = 1 \frac{87}{280} \\ & \frac{70}{280} + \frac{80}{280} + \frac{105}{280} + \frac{112}{280} = \frac{367}{280} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{4}{9} + \frac{1}{10} + \frac{1}{2} + \frac{2}{3} = 1 \frac{32}{45} \\ & \frac{40}{90} + \frac{9}{90} + \frac{45}{90} + \frac{60}{90} = \frac{154}{90} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{7}{12} + 2 \frac{4}{5} + 3 \frac{1}{3} + \frac{3}{4} = 7 \frac{7}{15} \\ & \frac{35}{60} + \frac{168}{60} + \frac{200}{60} + \frac{45}{60} = \frac{448}{60} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1 \frac{3}{4} + \frac{3}{11} + 3 \frac{3}{8} + \frac{11}{12} = 6 \frac{83}{264} \\ & \frac{462}{264} + \frac{72}{264} + \frac{891}{264} + \frac{242}{264} = \frac{1667}{264} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{11}{16} + 11 \frac{3}{5} + \frac{2}{4} + 4 \frac{7}{17} = 17 \frac{1493}{4080} \\ & \frac{2805}{4080} + \frac{47328}{4080} + \frac{2720}{4080} + \frac{18000}{4080} = \frac{70853}{4080} \end{aligned}$$