

Name: _____

Adding Mixed Numbers

With the Same Denominators

Step 1: Add the fractions.
(Add the numerators and use the same denominator.)

Step 2: Add the whole numbers.

example:

$$\begin{array}{r} 3\frac{1}{5} \\ + 2\frac{2}{5} \\ \hline 5\frac{3}{5} \end{array}$$

a.

$$\begin{array}{r} 1\frac{3}{10} \\ + 5\frac{4}{10} \\ \hline \end{array}$$

b.

$$\begin{array}{r} 7\frac{1}{7} \\ + 3\frac{4}{7} \\ \hline \end{array}$$

c.

$$\begin{array}{r} 6\frac{1}{3} \\ + 5\frac{1}{3} \\ \hline \end{array}$$

d.

$$\begin{array}{r} 8\frac{1}{12} \\ + 3\frac{1}{12} \\ \hline \end{array}$$

e.

$$\begin{array}{r} 1\frac{1}{2} \\ + 6 \\ \hline \end{array}$$

f.

$$\begin{array}{r} 2\frac{2}{8} \\ + 2\frac{1}{8} \\ \hline \end{array}$$

g.

$$\begin{array}{r} 4 \\ + 3\frac{1}{7} \\ \hline \end{array}$$

h.

$$\begin{array}{r} 9\frac{1}{8} \\ + 8\frac{5}{8} \\ \hline \end{array}$$

i.

$$\begin{array}{r} 6\frac{1}{4} \\ + 3\frac{2}{4} \\ \hline \end{array}$$

j.

$$\begin{array}{r} 5\frac{1}{8} \\ + 1\frac{6}{8} \\ \hline \end{array}$$

k.

$$\begin{array}{r} 21\frac{3}{11} \\ + 4\frac{1}{11} \\ \hline \end{array}$$

l.

$$\begin{array}{r} 12\frac{5}{16} \\ + 12\frac{6}{16} \\ \hline \end{array}$$

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Step 2: Add the whole numbers.

example:

$$\begin{array}{r} 3\frac{1}{5} \\ + 2\frac{2}{5} \\ \hline 5\frac{3}{5} \end{array}$$

a.

$$\begin{array}{r} 1\frac{3}{10} \\ + 5\frac{4}{10} \\ \hline 6\frac{7}{10} \end{array}$$

b.

$$\begin{array}{r} 7\frac{1}{7} \\ + 3\frac{4}{7} \\ \hline 10\frac{5}{7} \end{array}$$

c.

$$\begin{array}{r} 6\frac{1}{3} \\ + 5\frac{1}{3} \\ \hline 11\frac{2}{3} \end{array}$$

d.

$$\begin{array}{r} 8\frac{1}{12} \\ + 3\frac{1}{12} \\ \hline 11\frac{2}{12} \text{ or } 11\frac{1}{6} \end{array}$$

e.

$$\begin{array}{r} 1\frac{1}{2} \\ + 6 \\ \hline 7\frac{1}{2} \end{array}$$

f.

$$\begin{array}{r} 2\frac{2}{8} \\ + 2\frac{1}{8} \\ \hline 4\frac{3}{8} \end{array}$$

g.

$$\begin{array}{r} 4 \\ + 3\frac{1}{7} \\ \hline 7\frac{1}{7} \end{array}$$

h.

$$\begin{array}{r} 9\frac{1}{8} \\ + 8\frac{5}{8} \\ \hline 17\frac{6}{8} \text{ or } 17\frac{3}{4} \end{array}$$

i.

$$\begin{array}{r} 6\frac{1}{4} \\ + 3\frac{2}{4} \\ \hline 9\frac{3}{4} \end{array}$$

j.

$$\begin{array}{r} 5\frac{1}{8} \\ + 1\frac{6}{8} \\ \hline 6\frac{7}{8} \end{array}$$

k.

$$\begin{array}{r} 21\frac{3}{11} \\ + 4\frac{1}{11} \\ \hline 25\frac{4}{11} \end{array}$$

l.

$$\begin{array}{r} 12\frac{5}{16} \\ + 12\frac{6}{16} \\ \hline 24\frac{11}{16} \end{array}$$