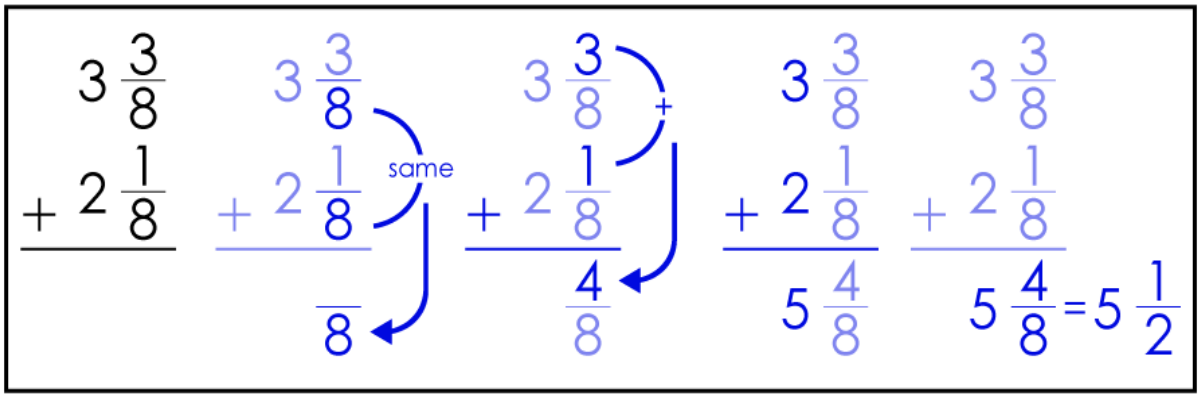
Name: _____

Adding Mixed Numbers

with the Like Denominators, Requires Simplifying



Add the fractions and simplify the answers.

a. $5\frac{2}{6} + 4\frac{2}{6}$

b. $6\frac{1}{4} + 1\frac{1}{4}$

c. $3\frac{2}{10} + 5\frac{3}{10}$

d. $3\frac{2}{8} + 6\frac{4}{8}$

e. $3\frac{2}{9} + 1\frac{1}{9}$

f. $2\frac{3}{12} + \frac{1}{12}$

g. $1\frac{3}{10} + 5\frac{5}{10}$

h. $2\frac{3}{14} + 1\frac{3}{14}$

i. $\frac{1}{6} + 4\frac{2}{6}$

j. $2\frac{1}{8} + 4\frac{1}{8}$

k. $2\frac{2}{9} + 3\frac{4}{9}$

l. $1\frac{3}{12} + 1\frac{3}{12}$

m. $6\frac{4}{10} + 2\frac{2}{10}$

n. $5\frac{6}{14} + \frac{4}{14}$

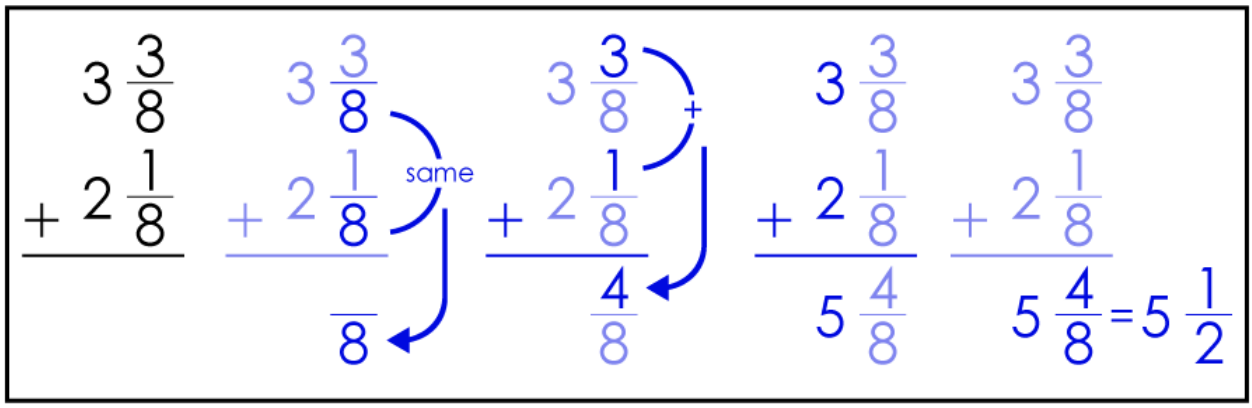
o. $1\frac{2}{12} + 7\frac{4}{12}$

p. Tom's family ate $1\frac{2}{8}$ apple pies.
Susie's family ate $1\frac{4}{8}$ cherry pies.
How much pie did both families eat?

ANSWER KEY

Adding Mixed Numbers

with the Like Denominators, Requires Simplifying



Add the fractions and simplify the answers.

a. $5\frac{2}{6} + 4\frac{2}{6} = 9\frac{4}{6} = 9\frac{2}{3}$

b. $6\frac{1}{4} + 1\frac{1}{4} = 7\frac{2}{4} = 7\frac{1}{2}$

c. $3\frac{2}{10} + 5\frac{3}{10} = 8\frac{5}{10} = 8\frac{1}{2}$

d. $3\frac{2}{8} + 6\frac{4}{8} = 9\frac{6}{8} = 9\frac{3}{4}$

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

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

g. $1\frac{3}{10} + 5\frac{5}{10} = 6\frac{8}{10} = 6\frac{4}{5}$

h. $2\frac{3}{14} + 1\frac{3}{14} = 3\frac{6}{14} = 3\frac{3}{7}$

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

j. $2\frac{1}{8} + 4\frac{1}{8} = 6\frac{2}{8} = 6\frac{1}{4}$

k. $2\frac{2}{9} + 3\frac{4}{9} = 5\frac{6}{9} = 5\frac{2}{3}$

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

m. $6\frac{4}{10} + 2\frac{2}{10} = 8\frac{6}{10} = 8\frac{3}{5}$

n. $5\frac{6}{14} + \frac{4}{14} = 5\frac{10}{14} = 5\frac{5}{7}$

o. $1\frac{2}{12} + 7\frac{4}{12} = 8\frac{6}{12} = 8\frac{1}{2}$

p. Tom's family ate $1\frac{2}{8}$ apple pies.
Susie's family ate $1\frac{4}{8}$ cherry pies.
How much pie did both families eat?

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