

Add Mixed Numbers With Like Denominators (D)

Add the whole numbers.

Add the fractions.

Reduce the fraction. The whole number stays the same.

$$8 \frac{2}{12} + 6 \frac{6}{12} = 14 \frac{8}{12} \stackrel{\div 4}{=} 14 \frac{2}{3}$$

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

$$4 \frac{6}{10} + 6 \frac{2}{10} =$$

$$3 \frac{1}{12} + 5 \frac{8}{12} =$$

$$1 \frac{6}{12} + 6 \frac{2}{12} =$$

$$6 \frac{7}{12} + 7 \frac{3}{12} =$$

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

$$3 \frac{8}{12} + 9 \frac{2}{12} =$$

$$8 \frac{3}{12} + 8 \frac{6}{12} =$$

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

$$3 \frac{5}{9} + 4 \frac{1}{9} =$$

$$4 \frac{2}{8} + 4 \frac{4}{8} =$$

$$2 \frac{3}{9} + 8 \frac{3}{9} =$$

$$8 \frac{1}{12} + 9 \frac{7}{12} =$$

$$3 \frac{2}{12} + 3 \frac{7}{12} =$$

Add Mixed Numbers With Like Denominators (D) Answers

Note to teacher: All of the sums require reducing. None require renaming.

$$3 \frac{1}{6} + 4 \frac{2}{6} = 7 \frac{3 \div 3}{6 \div 3} = 7 \frac{1}{2} \qquad 4 \frac{6}{10} + 6 \frac{2}{10} = 10 \frac{8 \div 2}{10 \div 2} = 10 \frac{4}{5}$$

$$3 \frac{1}{12} + 5 \frac{8}{12} = 8 \frac{9 \div 3}{12 \div 3} = 8 \frac{3}{4} \qquad 1 \frac{6}{12} + 6 \frac{2}{12} = 7 \frac{8 \div 4}{12 \div 4} = 7 \frac{2}{3}$$

$$6 \frac{7}{12} + 7 \frac{3}{12} = 13 \frac{10 \div 2}{12 \div 2} = 13 \frac{5}{6} \qquad 4 \frac{3}{6} + 7 \frac{1}{6} = 11 \frac{4 \div 2}{6 \div 2} = 11 \frac{2}{3}$$

$$3 \frac{8}{12} + 9 \frac{2}{12} = 12 \frac{10 \div 2}{12 \div 2} = 12 \frac{5}{6} \qquad 8 \frac{3}{12} + 8 \frac{6}{12} = 16 \frac{9 \div 3}{12 \div 3} = 16 \frac{3}{4}$$

$$2 \frac{1}{12} + 4 \frac{8}{12} = 6 \frac{9 \div 3}{12 \div 3} = 6 \frac{3}{4} \qquad 3 \frac{5}{9} + 4 \frac{1}{9} = 7 \frac{6 \div 3}{9 \div 3} = 7 \frac{2}{3}$$

$$4 \frac{2}{8} + 4 \frac{4}{8} = 8 \frac{6 \div 2}{8 \div 2} = 8 \frac{3}{4} \qquad 2 \frac{3}{9} + 8 \frac{3}{9} = 10 \frac{6 \div 3}{9 \div 3} = 10 \frac{2}{3}$$

$$8 \frac{1}{12} + 9 \frac{7}{12} = 17 \frac{8 \div 4}{12 \div 4} = 17 \frac{2}{3} \qquad 3 \frac{2}{12} + 3 \frac{7}{12} = 6 \frac{9 \div 3}{12 \div 3} = 6 \frac{3}{4}$$