

Add Mixed Numbers With Like Denominators (A)

Add the whole numbers.

Add the fractions.

Reduce the fraction. The whole number stays the same.

$$9 \frac{3}{10} + 7 \frac{1}{10} = 16 \frac{4}{10} \stackrel{\div 2}{=} 16 \frac{2}{5}$$

$$9 \frac{4}{12} + 7 \frac{4}{12} =$$

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

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

$$9 \frac{7}{10} + 4 \frac{1}{10} =$$

$$4 \frac{2}{9} + 1 \frac{1}{9} =$$

$$3 \frac{2}{9} + 3 \frac{1}{9} =$$

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

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

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

$$7 \frac{4}{12} + 7 \frac{6}{12} =$$

$$5 \frac{1}{8} + 9 \frac{5}{8} =$$

$$5 \frac{3}{12} + 5 \frac{6}{12} =$$

$$8 \frac{4}{12} + 1 \frac{5}{12} =$$

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

Add Mixed Numbers With Like Denominators (A) Answers

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

$$9 \frac{4}{12} + 7 \frac{4}{12} = 16 \frac{8 \div 4}{12 \div 4} = 16 \frac{2}{3} \qquad 3 \frac{8}{12} + 3 \frac{2}{12} = 6 \frac{10 \div 2}{12 \div 2} = 6 \frac{5}{6}$$

$$5 \frac{2}{9} + 3 \frac{1}{9} = 8 \frac{3 \div 3}{9 \div 3} = 8 \frac{1}{3} \qquad 9 \frac{7}{10} + 4 \frac{1}{10} = 13 \frac{8 \div 2}{10 \div 2} = 13 \frac{4}{5}$$

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

$$2 \frac{3}{10} + 5 \frac{1}{10} = 7 \frac{4 \div 2}{10 \div 2} = 7 \frac{2}{5} \qquad 9 \frac{3}{8} + 2 \frac{3}{8} = 11 \frac{6 \div 2}{8 \div 2} = 11 \frac{3}{4}$$

$$4 \frac{3}{12} + 5 \frac{7}{12} = 9 \frac{10 \div 2}{12 \div 2} = 9 \frac{5}{6} \qquad 7 \frac{4}{12} + 7 \frac{6}{12} = 14 \frac{10 \div 2}{12 \div 2} = 14 \frac{5}{6}$$

$$5 \frac{1}{8} + 9 \frac{5}{8} = 14 \frac{6 \div 2}{8 \div 2} = 14 \frac{3}{4} \qquad 5 \frac{3}{12} + 5 \frac{6}{12} = 10 \frac{9 \div 3}{12 \div 3} = 10 \frac{3}{4}$$

$$8 \frac{4}{12} + 1 \frac{5}{12} = 9 \frac{9 \div 3}{12 \div 3} = 9 \frac{3}{4} \qquad 9 \frac{3}{9} + 8 \frac{3}{9} = 17 \frac{6 \div 3}{9 \div 3} = 17 \frac{2}{3}$$