

## Adding 'Like' Fractions

ASF 1

**Instructions:** Add these 'like' fractions using the procedure you learned in the video. You do **not** need to simplify your answers.

$$1 \quad \frac{2}{9} + \frac{5}{9} = \frac{7}{9}$$

$$2 \quad \frac{10}{25} + \frac{4}{25} =$$

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

$$4 \quad \frac{8}{40} + \frac{15}{40} =$$

$$5 \quad \frac{5}{10} + \frac{4}{10} =$$

$$6 \quad \frac{7}{7} + \frac{1}{7} =$$

$$7 \quad \frac{1}{5} + \frac{1}{5} =$$

$$8 \quad \frac{0}{12} + \frac{10}{12} =$$

$$9 \quad \frac{4}{14} + \frac{9}{14} =$$

$$10 \quad \frac{40}{72} + \frac{21}{72} =$$

$$11 \quad \frac{3}{40} + \frac{6}{40} =$$

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

$$13 \quad \frac{9}{55} + \frac{9}{55} =$$

$$14 \quad \frac{15}{125} + \frac{45}{125} =$$

$$15 \quad \frac{11}{32} + \frac{16}{32} =$$

$$16 \quad \frac{120}{330} + \frac{55}{330} =$$

$$17 \quad \frac{50}{100} + \frac{25}{100} =$$

$$18 \quad \frac{18}{68} + \frac{32}{68} =$$

$$19 \quad \frac{1}{27} + \frac{26}{27} =$$

$$20 \quad \frac{35}{512} + \frac{180}{512} =$$

## Subtracting 'Like' Fractions

ASF 2

Instructions: Subtract these 'like' fractions. You do **not** need to simplify your answers.

$$1 \quad \frac{7}{8} - \frac{4}{8} = \frac{3}{8}$$

$$2 \quad \frac{28}{21} - \frac{8}{21} =$$

$$3 \quad \frac{5}{6} - \frac{1}{6} =$$

$$4 \quad \frac{9}{35} - \frac{6}{35} =$$

$$5 \quad \frac{12}{15} - \frac{4}{15} =$$

$$6 \quad \frac{15}{14} - \frac{5}{14} =$$

$$7 \quad \frac{10}{12} - \frac{9}{12} =$$

$$8 \quad \frac{35}{80} - \frac{15}{80} =$$

$$9 \quad \frac{9}{9} - \frac{9}{9} =$$

$$10 \quad \frac{50}{100} - \frac{12}{100} =$$

$$11 \quad \frac{20}{44} - \frac{8}{44} =$$

$$12 \quad \frac{81}{91} - \frac{44}{91} =$$

$$13 \quad \frac{14}{26} - \frac{5}{26} =$$

$$14 \quad \frac{12}{50} - \frac{6}{50} =$$

$$15 \quad \frac{45}{75} - \frac{9}{75} =$$

$$16 \quad \frac{230}{245} - \frac{130}{245} =$$

$$17 \quad \frac{100}{88} - \frac{30}{88} =$$

$$18 \quad \frac{500}{675} - \frac{480}{675} =$$

$$19 \quad \frac{115}{200} - \frac{25}{200} =$$

$$20 \quad \frac{65}{48} - \frac{25}{48} =$$

## Adding and Subtracting 'Like' Fractions

ASF 3

**Instructions:** Add or subtract these 'like' fractions. Pay close attention to the sign (plus or minus). You do **not** need to simplify your answers.

$$1 \quad \frac{8}{10} - \frac{7}{10} = \frac{1}{10}$$

$$2 \quad \frac{3}{25} + \frac{30}{25} =$$

$$3 \quad \frac{20}{32} + \frac{7}{32} =$$

$$4 \quad \frac{17}{30} + \frac{5}{30} =$$

$$5 \quad \frac{3}{15} + \frac{3}{15} =$$

$$6 \quad \frac{12}{16} - \frac{11}{16} =$$

$$7 \quad \frac{50}{44} - \frac{48}{44} =$$

$$8 \quad \frac{27}{79} - \frac{23}{79} =$$

$$9 \quad \frac{15}{18} + \frac{4}{18} =$$

$$10 \quad \frac{11}{22} + \frac{10}{22} =$$

$$11 \quad \frac{28}{50} - \frac{16}{50} =$$

$$12 \quad \frac{8}{46} - \frac{3}{46} =$$

$$13 \quad \frac{9}{11} - \frac{6}{11} =$$

$$14 \quad \frac{96}{136} + \frac{6}{136} =$$

$$15 \quad \frac{21}{24} + \frac{20}{24} =$$

$$16 \quad \frac{35}{98} + \frac{35}{98} =$$

$$17 \quad \frac{68}{80} - \frac{50}{80} =$$

$$18 \quad \frac{20}{31} + \frac{13}{31} =$$

$$19 \quad \frac{15}{38} + \frac{5}{38} =$$

$$20 \quad \frac{19}{19} - \frac{8}{19} =$$

## Adding and Subtracting 'Like' Fractions (Multi-Step Problems)

ASF 4

**Instructions:** Solve these multi-step problems involving the addition and subtraction of 'like' fractions. Remember the *Order of Operations* rules. You do **not** need to simplify your answers.

$$\begin{aligned} 1 \quad \frac{3}{10} + \frac{6}{10} - \frac{5}{10} &= \frac{4}{10} \\ \frac{9}{10} - \frac{5}{10} &= \end{aligned}$$

$$2 \quad \frac{9}{8} - \left( \frac{5}{8} + \frac{1}{8} \right) =$$

$$3 \quad \frac{6}{15} + \frac{7}{15} - \frac{4}{15} =$$

$$4 \quad \frac{50}{61} - \left( \frac{25}{61} - \frac{20}{61} \right) =$$

$$5 \quad \frac{8}{26} + \frac{2}{26} + \frac{7}{26} =$$

$$6 \quad \frac{16}{40} - \left( \frac{5}{40} + \frac{7}{40} \right) =$$

$$7 \quad \frac{15}{20} + \left( \frac{35}{20} - \frac{32}{20} \right) =$$

$$8 \quad \frac{11}{77} + \frac{12}{77} + \frac{13}{77} =$$

$$9 \quad \frac{25}{54} - \frac{10}{54} - \frac{7}{54} =$$

$$10 \quad \frac{45}{82} - \left( \frac{30}{82} + \frac{15}{82} \right) =$$

$$11 \quad \frac{14}{38} + \left( \frac{15}{38} - \frac{7}{38} \right) =$$

$$12 \quad \frac{26}{59} - \frac{6}{59} - \frac{10}{59} =$$