Subtract Fractions

Aim: to subtract fractions

Subtract the following fractions. You will need to convert the fractions so they all have the same denominator.

1. $\frac{2}{3} - \frac{1}{2} = \frac{\quad}{\quad}$

   $\frac{\quad}{6} - \frac{\quad}{6} = \frac{\quad}{6}$

2. $\frac{5}{8} - \frac{1}{2} = \frac{\quad}{\quad}$

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

3. $\frac{3}{8} - \frac{1}{3} = \frac{\quad}{\quad}$

   $\frac{\quad}{24} - \frac{\quad}{24} = \frac{\quad}{24}$

4. $\frac{5}{6} - \frac{1}{4} = \frac{\quad}{\quad}$

   $\frac{\quad}{12} - \frac{\quad}{12} = \frac{\quad}{12}$

5. $\frac{7}{10} - \frac{2}{3} = \frac{\quad}{\quad}$

   $\frac{\quad}{30} - \frac{\quad}{30} = \frac{\quad}{\quad}$

6. $\frac{3}{4} - \frac{6}{10} = \frac{\quad}{\quad}$

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

7. $\frac{5}{12} - \frac{1}{4} = \frac{\quad}{\quad}$

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

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

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

9. $\frac{11}{12} - \frac{3}{6} = \frac{\quad}{\quad}$

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

10. $\frac{2}{3} - \frac{3}{10} = \frac{\quad}{\quad}$

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

Subtract Fractions Answer Sheet

Aim: to subtract fractions

Subtract the following fractions. You will need to convert the fractions so they all have the same denominator.

1. $\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$

   $\frac{4}{6} - \frac{3}{6} = \frac{1}{6}$

2. $\frac{5}{8} - \frac{1}{2} = \frac{1}{8}$

   $\frac{5}{8} - \frac{4}{8} = \frac{1}{8}$

3. $\frac{3}{8} - \frac{1}{3} = \frac{1}{24}$

   $\frac{9}{24} - \frac{8}{24} = \frac{1}{24}$

4. $\frac{5}{6} - \frac{1}{4} = \frac{7}{12}$

   $\frac{10}{12} - \frac{3}{12} = \frac{7}{12}$

5. $\frac{7}{10} - \frac{2}{3} = \frac{1}{30}$

   $\frac{21}{30} - \frac{20}{30} = \frac{1}{30}$

6. $\frac{3}{4} - \frac{6}{10} = \frac{3}{20}$

   $\frac{15}{20} - \frac{12}{20} = \frac{3}{20}$

7. $\frac{5}{12} - \frac{1}{4} = \frac{1}{6}$

   $\frac{5}{12} - \frac{3}{12} = \frac{2}{12}$

8. $\frac{3}{8} - \frac{1}{4} = \frac{1}{8}$

   $\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$

9. $\frac{11}{12} - \frac{3}{6} = \frac{5}{12}$

   $\frac{11}{12} - \frac{6}{12} = \frac{5}{12}$

10. $\frac{2}{3} - \frac{3}{10} = \frac{11}{30}$

    $\frac{20}{30} - \frac{9}{30} = \frac{11}{30}$

Subtract Fractions

Aim: to subtract fractions

Subtract the following fractions. You will need to convert the fractions so they all have the same denominator.

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

   $\frac{\quad}{24} - \frac{\quad}{24} = \frac{\quad}{24}$

2. $\frac{9}{10} - \frac{3}{4} = \frac{\quad}{\quad}$

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

3. $\frac{2}{5} - \frac{1}{3} = \frac{\quad}{\quad}$

   $\frac{\quad}{15} - \frac{\quad}{15} = \frac{\quad}{\quad}$

4. $\frac{7}{12} - \frac{2}{5} = \frac{\quad}{\quad}$

   $\frac{\quad}{60} - \frac{\quad}{60} = \frac{\quad}{\quad}$

5. $\frac{16}{25} - \frac{3}{5} = \frac{\quad}{\quad}$

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

6. $\frac{3}{4} - \frac{5}{7} = \frac{\quad}{\quad}$

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

7. $\frac{3}{11} - \frac{1}{5} = \frac{\quad}{\quad}$

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

8. $\frac{4}{9} - \frac{1}{4} = \frac{\quad}{\quad}$

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

9. $\frac{1}{6} - \frac{1}{8} = \frac{\quad}{\quad}$

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

10. $\frac{7}{8} - \frac{5}{6} = \frac{\quad}{\quad}$

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

Challenge: Can you explain why these last 2 questions are similar?

Subtract Fractions Answer Sheet

Aim: to subtract fractions

Subtract the following fractions. You will need to convert the fractions so they all have the same denominator.

1. $\frac{7}{8} - \frac{1}{3} = \frac{13}{24}$

   $\frac{21}{24} - \frac{8}{24} = \frac{13}{24}$

2. $\frac{9}{10} - \frac{3}{4} = \frac{3}{20}$

   $\frac{18}{20} - \frac{15}{20} = \frac{3}{10}$

3. $\frac{2}{5} - \frac{1}{3} = \frac{1}{15}$

   $\frac{6}{15} - \frac{5}{15} = \frac{1}{15}$

4. $\frac{7}{12} - \frac{2}{5} = \frac{11}{60}$

   $\frac{35}{60} - \frac{24}{60} = \frac{11}{60}$

5. $\frac{16}{25} - \frac{3}{5} = \frac{1}{25}$

   $\frac{16}{25} - \frac{15}{25} = \frac{1}{25}$

6. $\frac{3}{4} - \frac{5}{7} = \frac{1}{28}$

   $\frac{21}{28} - \frac{20}{28} = \frac{1}{28}$

7. $\frac{3}{11} - \frac{1}{5} = \frac{4}{55}$

   $\frac{15}{55} - \frac{11}{55} = \frac{4}{55}$

8. $\frac{4}{9} - \frac{1}{4} = \frac{7}{36}$

   $\frac{16}{36} - \frac{9}{36} = \frac{7}{36}$

9. $\frac{1}{6} - \frac{1}{8} = \frac{1}{24}$

   $\frac{8}{48} - \frac{6}{48} = \frac{2}{48}$

10. $\frac{7}{8} - \frac{5}{6} = \frac{1}{24}$

    $\frac{42}{48} - \frac{40}{48} = \frac{2}{48}$

Challenge: Can you explain why these last 2 questions are similar? It's the difference between the 2 sets of fractions. The difference between the values is the same, so the answer is the same.

Subtract Fractions

Aim: to subtract fractions

Subtract the following fractions. You will need to convert the fractions so they all have the same denominator.

1. $\frac{6}{7} - \frac{2}{5} = \frac{\quad}{\quad}$

   $\frac{\quad}{35} - \frac{\quad}{35} = \frac{\quad}{35}$

2. $\frac{3}{4} - \frac{8}{11} = \frac{\quad}{\quad}$

   $\frac{\quad}{44} - \frac{\quad}{44} = \frac{\quad}{44}$

3. $\frac{1}{3} - \frac{1}{7} = \frac{\quad}{\quad}$

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

4. $\frac{5}{6} - \frac{3}{8} = \frac{\quad}{\quad}$

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

5. $\frac{8}{11} - \frac{2}{7} = \frac{\quad}{\quad}$

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

6. $\frac{1}{9} - \frac{1}{10} = \frac{\quad}{\quad}$

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

7. $\frac{3}{4} - \frac{6}{25} = \frac{\quad}{\quad}$

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

8. $\frac{4}{13} - \frac{3}{12} = \frac{\quad}{\quad}$

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

9. $\frac{1}{12} - \frac{1}{16} = \frac{\quad}{\quad}$

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

10. $\frac{7}{12} - \frac{9}{16} = \frac{\quad}{\quad}$

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

Challenge: Can you explain why these last 2 questions are similar?

Subtract Fractions Answer Sheet

Aim: to subtract fractions

Subtract the following fractions. You will need to convert the fractions so they all have the same denominator.

1. $\frac{6}{7} - \frac{2}{5} = \frac{16}{35}$

   $\frac{30}{35} - \frac{14}{35} = \frac{16}{35}$

2. $\frac{3}{4} - \frac{8}{11} = \frac{1}{44}$

   $\frac{33}{44} - \frac{32}{44} = \frac{1}{44}$

3. $\frac{1}{3} - \frac{1}{7} = \frac{4}{21}$

   $\frac{7}{21} - \frac{3}{21} = \frac{4}{21}$

4. $\frac{5}{6} - \frac{3}{8} = \frac{11}{24}$

   $\frac{20}{24} - \frac{9}{24} = \frac{11}{24}$

5. $\frac{8}{11} - \frac{2}{7} = \frac{34}{77}$

   $\frac{56}{77} - \frac{22}{77} = \frac{34}{77}$

6. $\frac{1}{9} - \frac{1}{10} = \frac{1}{90}$

   $\frac{10}{90} - \frac{9}{90} = \frac{1}{90}$

7. $\frac{3}{4} - \frac{6}{25} = \frac{51}{100}$

   $\frac{75}{100} - \frac{24}{100} = \frac{51}{100}$

8. $\frac{4}{13} - \frac{3}{12} = \frac{3}{52}$

   $\frac{48}{156} - \frac{39}{156} = \frac{9}{156}$

9. $\frac{1}{12} - \frac{1}{16} = \frac{1}{48}$

   $\frac{4}{48} - \frac{3}{48} = \frac{1}{48}$

10. $\frac{7}{12} - \frac{9}{16} = \frac{1}{48}$

    $\frac{28}{48} - \frac{27}{48} = \frac{1}{48}$

Challenge: Can you explain why these last 2 questions are similar? It's the difference between the 2 sets of fractions. The difference between the values is the same, so the answer is the same.