

# Subtracting Proper and Improper Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{18}{10} - \frac{7}{9} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

Denominator                  Solve                  Simplify                  Convert ↓

2.  $\frac{23}{7} - \frac{2}{9} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

3.  $\frac{76}{20} - \frac{1}{3} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

4.  $\frac{44}{17} - \frac{4}{9} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

5.  $\frac{18}{5} - \frac{3}{4} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

6.  $\frac{63}{19} - \frac{5}{8} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

7.  $\frac{23}{16} - \frac{1}{7} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

8.  $\frac{33}{19} - \frac{2}{4} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

9.  $\frac{23}{11} - \frac{3}{7} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

10.  $\frac{19}{5} - \frac{1}{2} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

## Subtracting Proper and Improper Fractions (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{18}{10} - \frac{7}{9} = \frac{162}{90} - \frac{70}{90} = \frac{92}{90} = \frac{46}{45} = 1\frac{1}{45}$$

$$2. \quad \frac{23}{7} - \frac{2}{9} = \frac{207}{63} - \frac{14}{63} = \frac{193}{63} = 3\frac{4}{63}$$

$$3. \quad \frac{76}{20} - \frac{1}{3} = \frac{228}{60} - \frac{20}{60} = \frac{208}{60} = \frac{52}{15} = 3\frac{7}{15}$$

$$4. \quad \frac{44}{17} - \frac{4}{9} = \frac{396}{153} - \frac{68}{153} = \frac{328}{153} = 2\frac{22}{153}$$

$$5. \quad \frac{18}{5} - \frac{3}{4} = \frac{72}{20} - \frac{15}{20} = \frac{57}{20} = 2\frac{17}{20}$$

$$6. \quad \frac{63}{19} - \frac{5}{8} = \frac{504}{152} - \frac{95}{152} = \frac{409}{152} = 2\frac{105}{152}$$

$$7. \quad \frac{23}{16} - \frac{1}{7} = \frac{161}{112} - \frac{16}{112} = \frac{145}{112} = 1\frac{33}{112}$$

$$8. \quad \frac{33}{19} - \frac{2}{4} = \frac{132}{76} - \frac{38}{76} = \frac{94}{76} = \frac{47}{38} = 1\frac{9}{38}$$

$$9. \quad \frac{23}{11} - \frac{3}{7} = \frac{161}{77} - \frac{33}{77} = \frac{128}{77} = 1\frac{51}{77}$$

$$10. \quad \frac{19}{5} - \frac{1}{2} = \frac{38}{10} - \frac{5}{10} = \frac{33}{10} = 3\frac{3}{10}$$

## Subtracting Proper and Improper Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{36}{16} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{40}{17} - \frac{4}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{25}{11} - \frac{2}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{46}{13} - \frac{3}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{40}{15} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{34}{9} - \frac{2}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{35}{9} - \frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{12}{7} - \frac{4}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{43}{13} - \frac{4}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{28}{13} - \frac{4}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{36}{16} - \frac{1}{3} = \frac{108}{48} - \frac{16}{48} = \frac{92}{48} = \frac{23}{12} = 1\frac{11}{12}$$

$$2. \quad \frac{40}{17} - \frac{4}{9} = \frac{360}{153} - \frac{68}{153} = \frac{292}{153} = 1\frac{139}{153}$$

$$3. \quad \frac{25}{11} - \frac{2}{4} = \frac{100}{44} - \frac{22}{44} = \frac{78}{44} = \frac{39}{22} = 1\frac{17}{22}$$

$$4. \quad \frac{46}{13} - \frac{3}{9} = \frac{414}{117} - \frac{39}{117} = \frac{375}{117} = \frac{125}{39} = 3\frac{8}{39}$$

$$5. \quad \frac{40}{15} - \frac{1}{2} = \frac{80}{30} - \frac{15}{30} = \frac{65}{30} = \frac{13}{6} = 2\frac{1}{6}$$

$$6. \quad \frac{34}{9} - \frac{2}{4} = \frac{136}{36} - \frac{18}{36} = \frac{118}{36} = \frac{59}{18} = 3\frac{5}{18}$$

$$7. \quad \frac{35}{9} - \frac{4}{5} = \frac{175}{45} - \frac{36}{45} = \frac{139}{45} = 3\frac{4}{45}$$

$$8. \quad \frac{12}{7} - \frac{4}{6} = \frac{72}{42} - \frac{28}{42} = \frac{44}{42} = \frac{22}{21} = 1\frac{1}{21}$$

$$9. \quad \frac{43}{13} - \frac{4}{6} = \frac{258}{78} - \frac{52}{78} = \frac{206}{78} = \frac{103}{39} = 2\frac{25}{39}$$

$$10. \quad \frac{28}{13} - \frac{4}{6} = \frac{168}{78} - \frac{52}{78} = \frac{116}{78} = \frac{58}{39} = 1\frac{19}{39}$$

## Subtracting Proper and Improper Fractions (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{52}{20} - \frac{2}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{42}{11} - \frac{3}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{30}{11} - \frac{3}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{21}{13} - \frac{1}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{10}{4} - \frac{5}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{15}{11} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{16}{9} - \frac{2}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{12}{7} - \frac{3}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{32}{17} - \frac{3}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{27}{7} - \frac{1}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{52}{20} - \frac{2}{3} = \frac{156}{60} - \frac{40}{60} = \frac{116}{60} = \frac{29}{15} = 1\frac{14}{15}$$

$$2. \quad \frac{42}{11} - \frac{3}{8} = \frac{336}{88} - \frac{33}{88} = \frac{303}{88} = 3\frac{39}{88}$$

$$3. \quad \frac{30}{11} - \frac{3}{4} = \frac{120}{44} - \frac{33}{44} = \frac{87}{44} = 1\frac{43}{44}$$

$$4. \quad \frac{21}{13} - \frac{1}{5} = \frac{105}{65} - \frac{13}{65} = \frac{92}{65} = 1\frac{27}{65}$$

$$5. \quad \frac{10}{4} - \frac{5}{7} = \frac{70}{28} - \frac{20}{28} = \frac{50}{28} = \frac{25}{14} = 1\frac{11}{14}$$

$$6. \quad \frac{15}{11} - \frac{1}{3} = \frac{45}{33} - \frac{11}{33} = \frac{34}{33} = 1\frac{1}{33}$$

$$7. \quad \frac{16}{9} - \frac{2}{4} = \frac{64}{36} - \frac{18}{36} = \frac{46}{36} = \frac{23}{18} = 1\frac{5}{18}$$

$$8. \quad \frac{12}{7} - \frac{3}{5} = \frac{60}{35} - \frac{21}{35} = \frac{39}{35} = 1\frac{4}{35}$$

$$9. \quad \frac{32}{17} - \frac{3}{9} = \frac{288}{153} - \frac{51}{153} = \frac{237}{153} = \frac{79}{51} = 1\frac{28}{51}$$

$$10. \quad \frac{27}{7} - \frac{1}{5} = \frac{135}{35} - \frac{7}{35} = \frac{128}{35} = 3\frac{23}{35}$$

## Subtracting Proper and Improper Fractions (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{38}{15} - \frac{2}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{32}{13} - \frac{2}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{54}{19} - \frac{2}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{10}{3} - \frac{1}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{33}{13} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{23}{10} - \frac{2}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{9}{5} - \frac{3}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{36}{17} - \frac{2}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{8}{3} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{44}{13} - \frac{4}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{38}{15} - \frac{2}{4} = \frac{152}{60} - \frac{30}{60} = \frac{122}{60} = \frac{61}{30} = 2\frac{1}{30}$$

$$2. \quad \frac{32}{13} - \frac{2}{9} = \frac{288}{117} - \frac{26}{117} = \frac{262}{117} = 2\frac{28}{117}$$

$$3. \quad \frac{54}{19} - \frac{2}{8} = \frac{432}{152} - \frac{38}{152} = \frac{394}{152} = \frac{197}{76} = 2\frac{45}{76}$$

$$4. \quad \frac{10}{3} - \frac{1}{4} = \frac{40}{12} - \frac{3}{12} = \frac{37}{12} = 3\frac{1}{12}$$

$$5. \quad \frac{33}{13} - \frac{3}{6} = \frac{198}{78} - \frac{39}{78} = \frac{159}{78} = \frac{53}{26} = 2\frac{1}{26}$$

$$6. \quad \frac{23}{10} - \frac{2}{9} = \frac{207}{90} - \frac{20}{90} = \frac{187}{90} = 2\frac{7}{90}$$

$$7. \quad \frac{9}{5} - \frac{3}{4} = \frac{36}{20} - \frac{15}{20} = \frac{21}{20} = 1\frac{1}{20}$$

$$8. \quad \frac{36}{17} - \frac{2}{6} = \frac{216}{102} - \frac{34}{102} = \frac{182}{102} = \frac{91}{51} = 1\frac{40}{51}$$

$$9. \quad \frac{8}{3} - \frac{1}{2} = \frac{16}{6} - \frac{3}{6} = \frac{13}{6} = 2\frac{1}{6}$$

$$10. \quad \frac{44}{13} - \frac{4}{7} = \frac{308}{91} - \frac{52}{91} = \frac{256}{91} = 2\frac{74}{91}$$



## Subtracting Proper and Improper Fractions (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{22}{10} - \frac{1}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{59}{17} - \frac{5}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{26}{8} - \frac{1}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{54}{17} - \frac{3}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{36}{13} - \frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{25}{8} - \frac{2}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{24}{13} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{32}{9} - \frac{3}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{10}{4} - \frac{7}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{17}{9} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{22}{10} - \frac{1}{7} = \frac{154}{70} - \frac{10}{70} = \frac{144}{70} = \frac{72}{35} = 2\frac{2}{35}$$

$$2. \quad \frac{59}{17} - \frac{5}{7} = \frac{413}{119} - \frac{85}{119} = \frac{328}{119} = 2\frac{90}{119}$$

$$3. \quad \frac{26}{8} - \frac{1}{9} = \frac{234}{72} - \frac{8}{72} = \frac{226}{72} = \frac{113}{36} = 3\frac{5}{36}$$

$$4. \quad \frac{54}{17} - \frac{3}{7} = \frac{378}{119} - \frac{51}{119} = \frac{327}{119} = 2\frac{89}{119}$$

$$5. \quad \frac{36}{13} - \frac{4}{5} = \frac{180}{65} - \frac{52}{65} = \frac{128}{65} = 1\frac{63}{65}$$

$$6. \quad \frac{25}{8} - \frac{2}{9} = \frac{225}{72} - \frac{16}{72} = \frac{209}{72} = 2\frac{65}{72}$$

$$7. \quad \frac{24}{13} - \frac{3}{6} = \frac{144}{78} - \frac{39}{78} = \frac{105}{78} = \frac{35}{26} = 1\frac{9}{26}$$

$$8. \quad \frac{32}{9} - \frac{3}{4} = \frac{128}{36} - \frac{27}{36} = \frac{101}{36} = 2\frac{29}{36}$$

$$9. \quad \frac{10}{4} - \frac{7}{9} = \frac{90}{36} - \frac{28}{36} = \frac{62}{36} = \frac{31}{18} = 1\frac{13}{18}$$

$$10. \quad \frac{17}{9} - \frac{1}{2} = \frac{34}{18} - \frac{9}{18} = \frac{25}{18} = 1\frac{7}{18}$$

## Subtracting Proper and Improper Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{29}{8} - \frac{6}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{10}{4} - \frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{16}{5} - \frac{6}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{43}{19} - \frac{2}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{8}{3} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{16}{5} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{28}{17} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{41}{13} - \frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{13}{7} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{18}{8} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{29}{8} - \frac{6}{9} = \frac{261}{72} - \frac{48}{72} = \frac{213}{72} = \frac{71}{24} = 2\frac{23}{24}$$

$$2. \quad \frac{10}{4} - \frac{4}{5} = \frac{50}{20} - \frac{16}{20} = \frac{34}{20} = \frac{17}{10} = 1\frac{7}{10}$$

$$3. \quad \frac{16}{5} - \frac{6}{8} = \frac{128}{40} - \frac{30}{40} = \frac{98}{40} = \frac{49}{20} = 2\frac{9}{20}$$

$$4. \quad \frac{43}{19} - \frac{2}{5} = \frac{215}{95} - \frac{38}{95} = \frac{177}{95} = 1\frac{82}{95}$$

$$5. \quad \frac{8}{3} - \frac{1}{2} = \frac{16}{6} - \frac{3}{6} = \frac{13}{6} = 2\frac{1}{6}$$

$$6. \quad \frac{16}{5} - \frac{1}{3} = \frac{48}{15} - \frac{5}{15} = \frac{43}{15} = 2\frac{13}{15}$$

$$7. \quad \frac{28}{17} - \frac{1}{6} = \frac{168}{102} - \frac{17}{102} = \frac{151}{102} = 1\frac{49}{102}$$

$$8. \quad \frac{41}{13} - \frac{4}{5} = \frac{205}{65} - \frac{52}{65} = \frac{153}{65} = 2\frac{23}{65}$$

$$9. \quad \frac{13}{7} - \frac{3}{6} = \frac{78}{42} - \frac{21}{42} = \frac{57}{42} = \frac{19}{14} = 1\frac{5}{14}$$

$$10. \quad \frac{18}{8} - \frac{1}{3} = \frac{54}{24} - \frac{8}{24} = \frac{46}{24} = \frac{23}{12} = 1\frac{11}{12}$$

## Subtracting Proper and Improper Fractions (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{30}{9} - \frac{6}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{32}{19} - \frac{2}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{13}{9} - \frac{2}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{26}{10} - \frac{2}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{13}{7} - \frac{2}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{62}{16} - \frac{8}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{19}{8} - \frac{3}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{11}{7} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{31}{16} - \frac{7}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{43}{11} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \frac{30}{9} - \frac{6}{7} = \frac{210}{63} - \frac{54}{63} = \frac{156}{63} = \frac{52}{21} = 2\frac{10}{21}$$

$$2. \frac{32}{19} - \frac{2}{5} = \frac{160}{95} - \frac{38}{95} = \frac{122}{95} = 1\frac{27}{95}$$

$$3. \frac{13}{9} - \frac{2}{5} = \frac{65}{45} - \frac{18}{45} = \frac{47}{45} = 1\frac{2}{45}$$

$$4. \frac{26}{10} - \frac{2}{3} = \frac{78}{30} - \frac{20}{30} = \frac{58}{30} = \frac{29}{15} = 1\frac{14}{15}$$

$$5. \frac{13}{7} - \frac{2}{3} = \frac{39}{21} - \frac{14}{21} = \frac{25}{21} = 1\frac{4}{21}$$

$$6. \frac{62}{16} - \frac{8}{9} = \frac{558}{144} - \frac{128}{144} = \frac{430}{144} = \frac{215}{72} = 2\frac{71}{72}$$

$$7. \frac{19}{8} - \frac{3}{7} = \frac{133}{56} - \frac{24}{56} = \frac{109}{56} = 1\frac{53}{56}$$

$$8. \frac{11}{7} - \frac{1}{2} = \frac{22}{14} - \frac{7}{14} = \frac{15}{14} = 1\frac{1}{14}$$

$$9. \frac{31}{16} - \frac{7}{9} = \frac{279}{144} - \frac{112}{144} = \frac{167}{144} = 1\frac{23}{144}$$

$$10. \frac{43}{11} - \frac{3}{6} = \frac{258}{66} - \frac{33}{66} = \frac{225}{66} = \frac{75}{22} = 3\frac{9}{22}$$

## Subtracting Proper and Improper Fractions (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{54}{17} - \frac{6}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{17}{7} - \frac{1}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{23}{17} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{33}{10} - \frac{2}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{42}{11} - \frac{6}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{16}{7} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{15}{7} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{21}{13} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{22}{13} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{25}{7} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{54}{17} - \frac{6}{9} = \frac{486}{153} - \frac{102}{153} = \frac{384}{153} = \frac{128}{51} = 2\frac{26}{51}$$

$$2. \quad \frac{17}{7} - \frac{1}{5} = \frac{85}{35} - \frac{7}{35} = \frac{78}{35} = 2\frac{8}{35}$$

$$3. \quad \frac{23}{17} - \frac{1}{6} = \frac{138}{102} - \frac{17}{102} = \frac{121}{102} = 1\frac{19}{102}$$

$$4. \quad \frac{33}{10} - \frac{2}{3} = \frac{99}{30} - \frac{20}{30} = \frac{79}{30} = 2\frac{19}{30}$$

$$5. \quad \frac{42}{11} - \frac{6}{9} = \frac{378}{99} - \frac{66}{99} = \frac{312}{99} = \frac{104}{33} = 3\frac{5}{33}$$

$$6. \quad \frac{16}{7} - \frac{1}{2} = \frac{32}{14} - \frac{7}{14} = \frac{25}{14} = 1\frac{11}{14}$$

$$7. \quad \frac{15}{7} - \frac{1}{2} = \frac{30}{14} - \frac{7}{14} = \frac{23}{14} = 1\frac{9}{14}$$

$$8. \quad \frac{21}{13} - \frac{1}{2} = \frac{42}{26} - \frac{13}{26} = \frac{29}{26} = 1\frac{3}{26}$$

$$9. \quad \frac{22}{13} - \frac{1}{3} = \frac{66}{39} - \frac{13}{39} = \frac{53}{39} = 1\frac{14}{39}$$

$$10. \quad \frac{25}{7} - \frac{1}{6} = \frac{150}{42} - \frac{7}{42} = \frac{143}{42} = 3\frac{17}{42}$$



## Subtracting Proper and Improper Fractions (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{40}{15} - \frac{5}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{16}{7} - \frac{8}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{47}{19} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{74}{20} - \frac{5}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{26}{15} - \frac{1}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{50}{19} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{11}{7} - \frac{2}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{39}{20} - \frac{4}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{55}{17} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{21}{9} - \frac{3}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{40}{15} - \frac{5}{8} = \frac{320}{120} - \frac{75}{120} = \frac{245}{120} = \frac{49}{24} = 2\frac{1}{24}$$

$$2. \quad \frac{16}{7} - \frac{8}{9} = \frac{144}{63} - \frac{56}{63} = \frac{88}{63} = 1\frac{25}{63}$$

$$3. \quad \frac{47}{19} - \frac{3}{6} = \frac{282}{114} - \frac{57}{114} = \frac{225}{114} = \frac{75}{38} = 1\frac{37}{38}$$

$$4. \quad \frac{74}{20} - \frac{5}{9} = \frac{666}{180} - \frac{100}{180} = \frac{566}{180} = \frac{283}{90} = 3\frac{13}{90}$$

$$5. \quad \frac{26}{15} - \frac{1}{7} = \frac{182}{105} - \frac{15}{105} = \frac{167}{105} = 1\frac{62}{105}$$

$$6. \quad \frac{50}{19} - \frac{3}{6} = \frac{300}{114} - \frac{57}{114} = \frac{243}{114} = \frac{81}{38} = 2\frac{5}{38}$$

$$7. \quad \frac{11}{7} - \frac{2}{4} = \frac{44}{28} - \frac{14}{28} = \frac{30}{28} = \frac{15}{14} = 1\frac{1}{14}$$

$$8. \quad \frac{39}{20} - \frac{4}{9} = \frac{351}{180} - \frac{80}{180} = \frac{271}{180} = 1\frac{91}{180}$$

$$9. \quad \frac{55}{17} - \frac{1}{2} = \frac{110}{34} - \frac{17}{34} = \frac{93}{34} = 2\frac{25}{34}$$

$$10. \quad \frac{21}{9} - \frac{3}{8} = \frac{168}{72} - \frac{27}{72} = \frac{141}{72} = \frac{47}{24} = 1\frac{23}{24}$$

## Subtracting Proper and Improper Fractions (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

1.  $\frac{30}{12} - \frac{1}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{19}{5} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{7}{2} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{30}{8} - \frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{11}{7} - \frac{3}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{11}{7} - \frac{2}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{66}{19} - \frac{2}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{60}{17} - \frac{2}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10.  $\frac{35}{17} - \frac{1}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Subtracting Proper and Improper Fractions (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each difference.

$$1. \quad \frac{30}{12} - \frac{1}{5} = \frac{150}{60} - \frac{12}{60} = \frac{138}{60} = \frac{23}{10} = 2\frac{3}{10}$$

$$2. \quad \frac{19}{5} - \frac{1}{2} = \frac{38}{10} - \frac{5}{10} = \frac{33}{10} = 3\frac{3}{10}$$

$$3. \quad \frac{7}{2} - \frac{1}{3} = \frac{21}{6} - \frac{2}{6} = \frac{19}{6} = 3\frac{1}{6}$$

$$4. \quad \frac{30}{8} - \frac{4}{5} = \frac{150}{40} - \frac{32}{40} = \frac{118}{40} = \frac{59}{20} = 2\frac{19}{20}$$

$$5. \quad \frac{11}{7} - \frac{3}{6} = \frac{66}{42} - \frac{21}{42} = \frac{45}{42} = \frac{15}{14} = 1\frac{1}{14}$$

$$6. \quad \frac{11}{7} - \frac{2}{9} = \frac{99}{63} - \frac{14}{63} = \frac{85}{63} = 1\frac{22}{63}$$

$$7. \quad \frac{66}{19} - \frac{2}{6} = \frac{396}{114} - \frac{38}{114} = \frac{358}{114} = \frac{179}{57} = 3\frac{8}{57}$$

$$8. \quad \frac{60}{17} - \frac{2}{3} = \frac{180}{51} - \frac{34}{51} = \frac{146}{51} = 2\frac{44}{51}$$

$$9. \quad \frac{11}{5} - \frac{2}{8} = \frac{88}{40} - \frac{10}{40} = \frac{78}{40} = \frac{39}{20} = 1\frac{19}{20}$$

$$10. \quad \frac{35}{17} - \frac{1}{4} = \frac{140}{68} - \frac{17}{68} = \frac{123}{68} = 1\frac{55}{68}$$