Subtracting Negative Mixed Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{4}\right) - \left(-4\frac{2}{3}\right) = \frac{-9}{4} - \frac{-14}{3} = \frac{-27}{12} - \frac{-56}{12} = \frac{29}{12} = 2\frac{5}{12}$

   Convert ↑ Denominator Solve Convert ↓

2. $\left(-2\frac{1}{2}\right) - \frac{2}{5} =$ ___ − ___ = ___ − ___ = ___ = ___

3. $\left(-5\frac{4}{5}\right) - \left(-2\frac{1}{2}\right) =$ ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-4\frac{4}{5}\right) - \frac{1}{6} =$ ___ − ___ = ___ − ___ = ___ = ___

5. $\left(-3\frac{1}{2}\right) - \frac{2}{3} =$ ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-3\frac{1}{3}\right) - 3\frac{1}{2} =$ ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-4\frac{1}{4}\right) - 2\frac{2}{3} =$ ___ − ___ = ___ − ___ = ___ = ___

8. $\left(-4\frac{1}{4}\right) - \left(-2\frac{1}{3}\right) =$ ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-5\frac{1}{3}\right) - \frac{2}{5} =$ ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-1\frac{2}{3}\right) - 4\frac{1}{2} =$ ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{4}\right)-\left(-4\frac{2}{3}\right) = \left(-\frac{9}{4}\right)-\left(-\frac{14}{3}\right) = \left(-\frac{27}{12}\right)-\left(-\frac{56}{12}\right) = \frac{29}{12} = 2\frac{5}{12}$

2. $\left(-2\frac{1}{2}\right)-\frac{2}{5} = \left(-\frac{5}{2}\right)-\frac{2}{5} = \left(-\frac{25}{10}\right)-\frac{4}{10} = \left(-\frac{29}{10}\right) = \left(-2\frac{9}{10}\right)$

3. $\left(-5\frac{4}{5}\right)-\left(-2\frac{1}{2}\right) = \left(-\frac{29}{5}\right)-\left(-\frac{5}{2}\right) = \left(-\frac{58}{10}\right)-\left(-\frac{25}{10}\right) = \left(-\frac{33}{10}\right) = \left(-3\frac{3}{10}\right)$

4. $\left(-4\frac{4}{5}\right)-\frac{1}{6} = \left(-\frac{24}{5}\right)-\frac{1}{6} = \left(-\frac{144}{30}\right)-\frac{5}{30} = \left(-\frac{149}{30}\right) = \left(-4\frac{29}{30}\right)$

5. $\left(-3\frac{1}{2}\right)-\frac{2}{3} = \left(-\frac{7}{2}\right)-\frac{2}{3} = \left(-\frac{21}{6}\right)-\frac{4}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$

6. $\left(-3\frac{1}{3}\right)-3\frac{1}{2} = \left(-\frac{10}{3}\right)-\frac{7}{2} = \left(-\frac{20}{6}\right)-\frac{21}{6} = \left(-\frac{41}{6}\right) = \left(-6\frac{5}{6}\right)$

7. $\left(-4\frac{1}{4}\right)-2\frac{2}{3} = \left(-\frac{17}{4}\right)-\frac{8}{3} = \left(-\frac{51}{12}\right)-\frac{32}{12} = \left(-\frac{83}{12}\right) = \left(-6\frac{11}{12}\right)$

8. $\left(-4\frac{1}{4}\right)-\left(-2\frac{1}{3}\right) = \left(-\frac{17}{4}\right)-\left(-\frac{7}{3}\right) = \left(-\frac{51}{12}\right)-\left(-\frac{28}{12}\right) = \left(-\frac{23}{12}\right) = \left(-1\frac{11}{12}\right)$

9. $\left(-5\frac{1}{3}\right)-\frac{2}{5} = \left(-\frac{16}{3}\right)-\frac{2}{5} = \left(-\frac{80}{15}\right)-\frac{6}{15} = \left(-\frac{86}{15}\right) = \left(-5\frac{11}{15}\right)$

10. $\left(-1\frac{2}{3}\right)-4\frac{1}{2} = \left(-\frac{5}{3}\right)-\frac{9}{2} = \left(-\frac{10}{6}\right)-\frac{27}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$

Subtracting Negative Mixed Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{5}\right) - \left(-5\frac{1}{4}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

2. $\left(-5\frac{5}{6}\right) - \left(-4\frac{1}{5}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

3. $\left(-5\frac{1}{4}\right) - 2\frac{4}{5} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

4. $\left(-1\frac{2}{3}\right) - \left(-5\frac{1}{2}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

5. $\left(-3\frac{2}{3}\right) - \left(-3\frac{3}{4}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_$

6. $\left(-3\frac{3}{5}\right) - \left(-3\frac{5}{6}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_$

7. $\left(-4\frac{1}{3}\right) - \left(-3\frac{1}{5}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

8. $\left(-2\frac{1}{5}\right) - \left(-1\frac{1}{2}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_$

9. $\left(-5\frac{2}{3}\right) - \frac{3}{4} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

10. $\left(-1\frac{2}{3}\right) - \left(-4\frac{3}{4}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

Subtracting Negative Mixed Fractions (B) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{5}\right) - \left(-5\frac{1}{4}\right) = \left(-\frac{11}{5}\right) - \left(-\frac{21}{4}\right) = \left(-\frac{44}{20}\right) - \left(-\frac{105}{20}\right) = \frac{61}{20} = 3\frac{1}{20}$

2. $\left(-5\frac{5}{6}\right) - \left(-4\frac{1}{5}\right) = \left(-\frac{35}{6}\right) - \left(-\frac{21}{5}\right) = \left(-\frac{175}{30}\right) - \left(-\frac{126}{30}\right) = \left(-\frac{49}{30}\right) = \left(-1\frac{19}{30}\right)$

3. $\left(-5\frac{1}{4}\right) - 2\frac{4}{5} = \left(-\frac{21}{4}\right) - \frac{14}{5} = \left(-\frac{105}{20}\right) - \frac{56}{20} = \left(-\frac{161}{20}\right) = \left(-8\frac{1}{20}\right)$

4. $\left(-1\frac{2}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{10}{6}\right) - \left(-\frac{33}{6}\right) = \frac{23}{6} = 3\frac{5}{6}$

5. $\left(-3\frac{2}{3}\right) - \left(-3\frac{3}{4}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{15}{4}\right) = \left(-\frac{44}{12}\right) - \left(-\frac{45}{12}\right) = \frac{1}{12}$

6. $\left(-3\frac{3}{5}\right) - \left(-3\frac{5}{6}\right) = \left(-\frac{18}{5}\right) - \left(-\frac{23}{6}\right) = \left(-\frac{108}{30}\right) - \left(-\frac{115}{30}\right) = \frac{7}{30}$

7. $\left(-4\frac{1}{3}\right) - \left(-3\frac{1}{5}\right) = \left(-\frac{13}{3}\right) - \left(-\frac{16}{5}\right) = \left(-\frac{65}{15}\right) - \left(-\frac{48}{15}\right) = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$

8. $\left(-2\frac{1}{5}\right) - \left(-1\frac{1}{2}\right) = \left(-\frac{11}{5}\right) - \left(-\frac{3}{2}\right) = \left(-\frac{22}{10}\right) - \left(-\frac{15}{10}\right) = \left(-\frac{7}{10}\right)$

9. $\left(-5\frac{2}{3}\right) - \frac{3}{4} = \left(-\frac{17}{3}\right) - \frac{3}{4} = \left(-\frac{68}{12}\right) - \frac{9}{12} = \left(-\frac{77}{12}\right) = \left(-6\frac{5}{12}\right)$

10. $\left(-1\frac{2}{3}\right) - \left(-4\frac{3}{4}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{19}{4}\right) = \left(-\frac{20}{12}\right) - \left(-\frac{57}{12}\right) = \frac{37}{12} = 3\frac{1}{12}$

Subtracting Negative Mixed Fractions (C)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{5}{6}\right) - 4\frac{1}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

2. $\left(-3\frac{1}{3}\right) - \frac{4}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

3. $\left(-4\frac{1}{2}\right) - \frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-5\frac{1}{2}\right) - 1\frac{3}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

5. $\left(-1\frac{3}{5}\right) - 4\frac{1}{2}$ = ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-4\frac{5}{6}\right) - 2\frac{1}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-2\frac{1}{4}\right) - \left(-1\frac{2}{5}\right)$ = ___ − ___ = ___ − ___ = ___

8. $\left(-2\frac{1}{2}\right) - \frac{3}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-2\frac{1}{6}\right) - 5\frac{3}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-2\frac{2}{3}\right) - \frac{3}{4}$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (C) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{5}{6}\right) - 4\frac{1}{5} = \left(-\frac{23}{6}\right) - \frac{21}{5} = \left(-\frac{115}{30}\right) - \frac{126}{30} = \left(-\frac{241}{30}\right) = \left(-8\frac{1}{30}\right)$

2. $\left(-3\frac{1}{3}\right) - \frac{4}{5} = \left(-\frac{10}{3}\right) - \frac{4}{5} = \left(-\frac{50}{15}\right) - \frac{12}{15} = \left(-\frac{62}{15}\right) = \left(-4\frac{2}{15}\right)$

3. $\left(-4\frac{1}{2}\right) - \frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{1}{3} = \left(-\frac{27}{6}\right) - \frac{2}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$

4. $\left(-5\frac{1}{2}\right) - 1\frac{3}{5} = \left(-\frac{11}{2}\right) - \frac{8}{5} = \left(-\frac{55}{10}\right) - \frac{16}{10} = \left(-\frac{71}{10}\right) = \left(-7\frac{1}{10}\right)$

5. $\left(-1\frac{3}{5}\right) - 4\frac{1}{2} = \left(-\frac{8}{5}\right) - \frac{9}{2} = \left(-\frac{16}{10}\right) - \frac{45}{10} = \left(-\frac{61}{10}\right) = \left(-6\frac{1}{10}\right)$

6. $\left(-4\frac{5}{6}\right) - 2\frac{1}{5} = \left(-\frac{29}{6}\right) - \frac{11}{5} = \left(-\frac{145}{30}\right) - \frac{66}{30} = \left(-\frac{211}{30}\right) = \left(-7\frac{1}{30}\right)$

7. $\left(-2\frac{1}{4}\right) - \left(-1\frac{2}{5}\right) = \left(-\frac{9}{4}\right) - \left(-\frac{7}{5}\right) = \left(-\frac{45}{20}\right) - \left(-\frac{28}{20}\right) = \left(-\frac{17}{20}\right)$

8. $\left(-2\frac{1}{2}\right) - \frac{3}{5} = \left(-\frac{5}{2}\right) - \frac{3}{5} = \left(-\frac{25}{10}\right) - \frac{6}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$

9. $\left(-2\frac{1}{6}\right) - 5\frac{3}{5} = \left(-\frac{13}{6}\right) - \frac{28}{5} = \left(-\frac{65}{30}\right) - \frac{168}{30} = \left(-\frac{233}{30}\right) = \left(-7\frac{23}{30}\right)$

10. $\left(-2\frac{2}{3}\right) - \frac{3}{4} = \left(-\frac{8}{3}\right) - \frac{3}{4} = \left(-\frac{32}{12}\right) - \frac{9}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$

Subtracting Negative Mixed Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{1}{4}\right) - \frac{2}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

2. $\left(-2\frac{1}{3}\right) - \frac{4}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

3. $\left(-3\frac{1}{2}\right) - \frac{3}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-4\frac{1}{2}\right) - \left(-5\frac{1}{3}\right)$ = ___ − ___ = ___ − ___ = ___

5. $\left(-3\frac{2}{3}\right) - \frac{1}{2}$ = ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-4\frac{1}{5}\right) - 4\frac{1}{4}$ = ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-3\frac{2}{3}\right) - \left(-5\frac{1}{5}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

8. $\left(-3\frac{1}{2}\right) - 1\frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-3\frac{1}{2}\right) - \left(-3\frac{1}{3}\right)$ = ___ − ___ = ___ − ___ = ___

10. $\left(-2\frac{2}{3}\right) - \left(-1\frac{1}{2}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (D) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{1}{4}\right) - \frac{2}{5} = \left(-\frac{13}{4}\right) - \frac{2}{5} = \left(-\frac{65}{20}\right) - \frac{8}{20} = \left(-\frac{73}{20}\right) = \left(-3\frac{13}{20}\right)$

2. $\left(-2\frac{1}{3}\right) - \frac{4}{5} = \left(-\frac{7}{3}\right) - \frac{4}{5} = \left(-\frac{35}{15}\right) - \frac{12}{15} = \left(-\frac{47}{15}\right) = \left(-3\frac{2}{15}\right)$

3. $\left(-3\frac{1}{2}\right) - \frac{3}{5} = \left(-\frac{7}{2}\right) - \frac{3}{5} = \left(-\frac{35}{10}\right) - \frac{6}{10} = \left(-\frac{41}{10}\right) = \left(-4\frac{1}{10}\right)$

4. $\left(-4\frac{1}{2}\right) - \left(-5\frac{1}{3}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{16}{3}\right) = \left(-\frac{27}{6}\right) - \left(-\frac{32}{6}\right) = \frac{5}{6}$

5. $\left(-3\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{11}{3}\right) - \frac{1}{2} = \left(-\frac{22}{6}\right) - \frac{3}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$

6. $\left(-4\frac{1}{5}\right) - 4\frac{1}{4} = \left(-\frac{21}{5}\right) - \frac{17}{4} = \left(-\frac{84}{20}\right) - \frac{85}{20} = \left(-\frac{169}{20}\right) = \left(-8\frac{9}{20}\right)$

7. $\left(-3\frac{2}{3}\right) - \left(-5\frac{1}{5}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{26}{5}\right) = \left(-\frac{55}{15}\right) - \left(-\frac{78}{15}\right) = \frac{23}{15} = 1\frac{8}{15}$

8. $\left(-3\frac{1}{2}\right) - 1\frac{1}{3} = \left(-\frac{7}{2}\right) - \frac{4}{3} = \left(-\frac{21}{6}\right) - \frac{8}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$

9. $\left(-3\frac{1}{2}\right) - \left(-3\frac{1}{3}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{10}{3}\right) = \left(-\frac{21}{6}\right) - \left(-\frac{20}{6}\right) = \left(-\frac{1}{6}\right)$

10. $\left(-2\frac{2}{3}\right) - \left(-1\frac{1}{2}\right) = \left(-\frac{8}{3}\right) - \left(-\frac{3}{2}\right) = \left(-\frac{16}{6}\right) - \left(-\frac{9}{6}\right) = \left(-\frac{7}{6}\right) = \left(-1\frac{1}{6}\right)$

Subtracting Negative Mixed Fractions (E)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{2}{3}\right) - 4\frac{1}{4}$ = ___ − ___ = ___ − ___ = ___ = ___

2. $\left(-1\frac{5}{6}\right) - 5\frac{4}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

3. $\left(-3\frac{1}{5}\right) - \left(-5\frac{3}{4}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-4\frac{2}{3}\right) - 2\frac{1}{2}$ = ___ − ___ = ___ − ___ = ___ = ___

5. $\left(-5\frac{1}{3}\right) - \left(-3\frac{3}{4}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-1\frac{2}{3}\right) - \left(-3\frac{3}{5}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-1\frac{1}{2}\right) - \left(-3\frac{1}{3}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

8. $\left(-4\frac{4}{5}\right) - \frac{1}{2}$ = ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-4\frac{1}{5}\right) - \left(-1\frac{1}{4}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-1\frac{3}{5}\right) - 4\frac{1}{6}$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (E) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{2}{3}\right) - 4\frac{1}{4} = \left(-\frac{11}{3}\right) - \frac{17}{4} = \left(-\frac{44}{12}\right) - \frac{51}{12} = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$

2. $\left(-1\frac{5}{6}\right) - 5\frac{4}{5} = \left(-\frac{11}{6}\right) - \frac{29}{5} = \left(-\frac{55}{30}\right) - \frac{174}{30} = \left(-\frac{229}{30}\right) = \left(-7\frac{19}{30}\right)$

3. $\left(-3\frac{1}{5}\right) - \left(-5\frac{3}{4}\right) = \left(-\frac{16}{5}\right) - \left(-\frac{23}{4}\right) = \left(-\frac{64}{20}\right) - \left(-\frac{115}{20}\right) = \frac{51}{20} = 2\frac{11}{20}$

4. $\left(-4\frac{2}{3}\right) - 2\frac{1}{2} = \left(-\frac{14}{3}\right) - \frac{5}{2} = \left(-\frac{28}{6}\right) - \frac{15}{6} = \left(-\frac{43}{6}\right) = \left(-7\frac{1}{6}\right)$

5. $\left(-5\frac{1}{3}\right) - \left(-3\frac{3}{4}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{15}{4}\right) = \left(-\frac{64}{12}\right) - \left(-\frac{45}{12}\right) = \left(-\frac{19}{12}\right) = \left(-1\frac{7}{12}\right)$

6. $\left(-1\frac{2}{3}\right) - \left(-3\frac{3}{5}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{18}{5}\right) = \left(-\frac{25}{15}\right) - \left(-\frac{54}{15}\right) = \frac{29}{15} = 1\frac{14}{15}$

7. $\left(-1\frac{1}{2}\right) - \left(-3\frac{1}{3}\right) = \left(-\frac{3}{2}\right) - \left(-\frac{10}{3}\right) = \left(-\frac{9}{6}\right) - \left(-\frac{20}{6}\right) = \frac{11}{6} = 1\frac{5}{6}$

8. $\left(-4\frac{4}{5}\right) - \frac{1}{2} = \left(-\frac{24}{5}\right) - \frac{1}{2} = \left(-\frac{48}{10}\right) - \frac{5}{10} = \left(-\frac{53}{10}\right) = \left(-5\frac{3}{10}\right)$

9. $\left(-4\frac{1}{5}\right) - \left(-1\frac{1}{4}\right) = \left(-\frac{21}{5}\right) - \left(-\frac{5}{4}\right) = \left(-\frac{84}{20}\right) - \left(-\frac{25}{20}\right) = \left(-\frac{59}{20}\right) = \left(-2\frac{19}{20}\right)$

10. $\left(-1\frac{3}{5}\right) - 4\frac{1}{6} = \left(-\frac{8}{5}\right) - \frac{25}{6} = \left(-\frac{48}{30}\right) - \frac{125}{30} = \left(-\frac{173}{30}\right) = \left(-5\frac{23}{30}\right)$

Subtracting Negative Mixed Fractions (F)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-1\frac{2}{3}\right) - 5\frac{1}{4}$ = ___ − ___ = ___ − ___ = ___ = ___

2. $\left(-3\frac{2}{3}\right) - \left(-3\frac{1}{4}\right)$ = ___ − ___ = ___ − ___ = ___

3. $\left(-2\frac{2}{5}\right) - \frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-1\frac{2}{3}\right) - \left(-4\frac{1}{2}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

5. $\left(-3\frac{1}{2}\right) - \left(-1\frac{1}{5}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-2\frac{4}{5}\right) - 1\frac{3}{4}$ = ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-2\frac{1}{2}\right) - 5\frac{1}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

8. $\left(-4\frac{1}{2}\right) - \frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-3\frac{3}{4}\right) - 3\frac{3}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-3\frac{1}{3}\right) - 2\frac{2}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (F) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-1\frac{2}{3}\right) - 5\frac{1}{4} = \left(-\frac{5}{3}\right) - \frac{21}{4} = \left(-\frac{20}{12}\right) - \frac{63}{12} = \left(-\frac{83}{12}\right) = \left(-6\frac{11}{12}\right)$

2. $\left(-3\frac{2}{3}\right) - \left(-3\frac{1}{4}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{13}{4}\right) = \left(-\frac{44}{12}\right) - \left(-\frac{39}{12}\right) = \left(-\frac{5}{12}\right)$

3. $\left(-2\frac{2}{5}\right) - \frac{1}{3} = \left(-\frac{12}{5}\right) - \frac{1}{3} = \left(-\frac{36}{15}\right) - \frac{5}{15} = \left(-\frac{41}{15}\right) = \left(-2\frac{11}{15}\right)$

4. $\left(-1\frac{2}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{10}{6}\right) - \left(-\frac{27}{6}\right) = \frac{17}{6} = 2\frac{5}{6}$

5. $\left(-3\frac{1}{2}\right) - \left(-1\frac{1}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{6}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{12}{10}\right) = \left(-\frac{23}{10}\right) = \left(-2\frac{3}{10}\right)$

6. $\left(-2\frac{4}{5}\right) - 1\frac{3}{4} = \left(-\frac{14}{5}\right) - \frac{7}{4} = \left(-\frac{56}{20}\right) - \frac{35}{20} = \left(-\frac{91}{20}\right) = \left(-4\frac{11}{20}\right)$

7. $\left(-2\frac{1}{2}\right) - 5\frac{1}{5} = \left(-\frac{5}{2}\right) - \frac{26}{5} = \left(-\frac{25}{10}\right) - \frac{52}{10} = \left(-\frac{77}{10}\right) = \left(-7\frac{7}{10}\right)$

8. $\left(-4\frac{1}{2}\right) - \frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{1}{3} = \left(-\frac{27}{6}\right) - \frac{2}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$

9. $\left(-3\frac{3}{4}\right) - 3\frac{3}{5} = \left(-\frac{15}{4}\right) - \frac{18}{5} = \left(-\frac{75}{20}\right) - \frac{72}{20} = \left(-\frac{147}{20}\right) = \left(-7\frac{7}{20}\right)$

10. $\left(-3\frac{1}{3}\right) - 2\frac{2}{5} = \left(-\frac{10}{3}\right) - \frac{12}{5} = \left(-\frac{50}{15}\right) - \frac{36}{15} = \left(-\frac{86}{15}\right) = \left(-5\frac{11}{15}\right)$

Subtracting Negative Mixed Fractions (G)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{5}\right) - 4\frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

2. $\left(-3\frac{1}{6}\right) - 1\frac{2}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

3. $\left(-1\frac{3}{5}\right) - 4\frac{1}{4}$ = ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-2\frac{1}{2}\right) - \left(-5\frac{2}{3}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

5. $\left(-1\frac{1}{3}\right) - \frac{1}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-1\frac{1}{2}\right) - 5\frac{3}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-1\frac{1}{4}\right) - \left(-3\frac{2}{5}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

8. $\left(-2\frac{4}{5}\right) - \frac{1}{2}$ = ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-5\frac{2}{5}\right) - \left(-1\frac{2}{3}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-2\frac{1}{2}\right) - 5\frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (G) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{5}\right) - 4\frac{1}{3} = \left(-\frac{11}{5}\right) - \frac{13}{3} = \left(-\frac{33}{15}\right) - \frac{65}{15} = \left(-\frac{98}{15}\right) = \left(-6\frac{8}{15}\right)$

2. $\left(-3\frac{1}{6}\right) - 1\frac{2}{5} = \left(-\frac{19}{6}\right) - \frac{7}{5} = \left(-\frac{95}{30}\right) - \frac{42}{30} = \left(-\frac{137}{30}\right) = \left(-4\frac{17}{30}\right)$

3. $\left(-1\frac{3}{5}\right) - 4\frac{1}{4} = \left(-\frac{8}{5}\right) - \frac{17}{4} = \left(-\frac{32}{20}\right) - \frac{85}{20} = \left(-\frac{117}{20}\right) = \left(-5\frac{17}{20}\right)$

4. $\left(-2\frac{1}{2}\right) - \left(-5\frac{2}{3}\right) = \left(-\frac{5}{2}\right) - \left(-\frac{17}{3}\right) = \left(-\frac{15}{6}\right) - \left(-\frac{34}{6}\right) = \frac{19}{6} = 3\frac{1}{6}$

5. $\left(-1\frac{1}{3}\right) - \frac{1}{5} = \left(-\frac{4}{3}\right) - \frac{1}{5} = \left(-\frac{20}{15}\right) - \frac{3}{15} = \left(-\frac{23}{15}\right) = \left(-1\frac{8}{15}\right)$

6. $\left(-1\frac{1}{2}\right) - 5\frac{3}{5} = \left(-\frac{3}{2}\right) - \frac{28}{5} = \left(-\frac{15}{10}\right) - \frac{56}{10} = \left(-\frac{71}{10}\right) = \left(-7\frac{1}{10}\right)$

7. $\left(-1\frac{1}{4}\right) - \left(-3\frac{2}{5}\right) = \left(-\frac{5}{4}\right) - \left(-\frac{17}{5}\right) = \left(-\frac{25}{20}\right) - \left(-\frac{68}{20}\right) = \frac{43}{20} = 2\frac{3}{20}$

8. $\left(-2\frac{4}{5}\right) - \frac{1}{2} = \left(-\frac{14}{5}\right) - \frac{1}{2} = \left(-\frac{28}{10}\right) - \frac{5}{10} = \left(-\frac{33}{10}\right) = \left(-3\frac{3}{10}\right)$

9. $\left(-5\frac{2}{5}\right) - \left(-1\frac{2}{3}\right) = \left(-\frac{27}{5}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{81}{15}\right) - \left(-\frac{25}{15}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$

10. $\left(-2\frac{1}{2}\right) - 5\frac{1}{3} = \left(-\frac{5}{2}\right) - \frac{16}{3} = \left(-\frac{15}{6}\right) - \frac{32}{6} = \left(-\frac{47}{6}\right) = \left(-7\frac{5}{6}\right)$

Subtracting Negative Mixed Fractions (H)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-5\frac{1}{4}\right) - \left(-2\frac{1}{3}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

2. $\left(-5\frac{1}{2}\right) - 2\frac{4}{5} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

3. $\left(-5\frac{2}{5}\right) - 1\frac{1}{2} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

4. $\left(-3\frac{1}{4}\right) - \left(-2\frac{2}{3}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_$

5. $\left(-1\frac{1}{4}\right) - 1\frac{1}{3} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

6. $\left(-2\frac{5}{6}\right) - \left(-5\frac{3}{5}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

7. $\left(-3\frac{1}{3}\right) - \left(-4\frac{1}{2}\right) = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

8. $\left(-3\frac{1}{3}\right) - 3\frac{3}{4} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

9. $\left(-5\frac{1}{4}\right) - 3\frac{2}{3} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

10. $\left(-5\frac{4}{5}\right) - \frac{1}{3} = \_\_ - \_\_ = \_\_ - \_\_ = \_\_ = \_\_$

Subtracting Negative Mixed Fractions (H) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-5\frac{1}{4}\right) - \left(-2\frac{1}{3}\right) = \left(-\frac{21}{4}\right) - \left(-\frac{7}{3}\right) = \left(-\frac{63}{12}\right) - \left(-\frac{28}{12}\right) = \left(-\frac{35}{12}\right) = \left(-2\frac{11}{12}\right)$

2. $\left(-5\frac{1}{2}\right) - 2\frac{4}{5} = \left(-\frac{11}{2}\right) - \frac{14}{5} = \left(-\frac{55}{10}\right) - \frac{28}{10} = \left(-\frac{83}{10}\right) = \left(-8\frac{3}{10}\right)$

3. $\left(-5\frac{2}{5}\right) - 1\frac{1}{2} = \left(-\frac{27}{5}\right) - \frac{3}{2} = \left(-\frac{54}{10}\right) - \frac{15}{10} = \left(-\frac{69}{10}\right) = \left(-6\frac{9}{10}\right)$

4. $\left(-3\frac{1}{4}\right) - \left(-2\frac{2}{3}\right) = \left(-\frac{13}{4}\right) - \left(-\frac{8}{3}\right) = \left(-\frac{39}{12}\right) - \left(-\frac{32}{12}\right) = \left(-\frac{7}{12}\right)$

5. $\left(-1\frac{1}{4}\right) - 1\frac{1}{3} = \left(-\frac{5}{4}\right) - \frac{4}{3} = \left(-\frac{15}{12}\right) - \frac{16}{12} = \left(-\frac{31}{12}\right) = \left(-2\frac{7}{12}\right)$

6. $\left(-2\frac{5}{6}\right) - \left(-5\frac{3}{5}\right) = \left(-\frac{17}{6}\right) - \left(-\frac{28}{5}\right) = \left(-\frac{85}{30}\right) - \left(-\frac{168}{30}\right) = \frac{83}{30} = 2\frac{23}{30}$

7. $\left(-3\frac{1}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{10}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{20}{6}\right) - \left(-\frac{27}{6}\right) = \frac{7}{6} = 1\frac{1}{6}$

8. $\left(-3\frac{1}{3}\right) - 3\frac{3}{4} = \left(-\frac{10}{3}\right) - \frac{15}{4} = \left(-\frac{40}{12}\right) - \frac{45}{12} = \left(-\frac{85}{12}\right) = \left(-7\frac{1}{12}\right)$

9. $\left(-5\frac{1}{4}\right) - 3\frac{2}{3} = \left(-\frac{21}{4}\right) - \frac{11}{3} = \left(-\frac{63}{12}\right) - \frac{44}{12} = \left(-\frac{107}{12}\right) = \left(-8\frac{11}{12}\right)$

10. $\left(-5\frac{4}{5}\right) - \frac{1}{3} = \left(-\frac{29}{5}\right) - \frac{1}{3} = \left(-\frac{87}{15}\right) - \frac{5}{15} = \left(-\frac{92}{15}\right) = \left(-6\frac{2}{15}\right)$

Subtracting Negative Mixed Fractions (I)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{3}\right) - \left(-5\frac{1}{2}\right) = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2. $\left(-3\frac{1}{4}\right) - 3\frac{4}{5} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. $\left(-5\frac{1}{3}\right) - \left(-3\frac{1}{4}\right) = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\left(-4\frac{4}{5}\right) - \left(-2\frac{1}{3}\right) = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\left(-2\frac{1}{4}\right) - 5\frac{1}{3} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\left(-2\frac{2}{5}\right) - \left(-2\frac{2}{3}\right) = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\left(-1\frac{2}{3}\right) - 4\frac{1}{4} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\left(-4\frac{1}{2}\right) - \frac{2}{3} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\left(-4\frac{1}{5}\right) - 1\frac{1}{3} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\left(-5\frac{2}{3}\right) - \left(-4\frac{4}{5}\right) = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Subtracting Negative Mixed Fractions (I) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{3}\right) - \left(-5\frac{1}{2}\right) = \left(-\frac{7}{3}\right) - \left(-\frac{11}{2}\right) = \left(-\frac{14}{6}\right) - \left(-\frac{33}{6}\right) = \frac{19}{6} = 3\frac{1}{6}$

2. $\left(-3\frac{1}{4}\right) - 3\frac{4}{5} = \left(-\frac{13}{4}\right) - \frac{19}{5} = \left(-\frac{65}{20}\right) - \frac{76}{20} = \left(-\frac{141}{20}\right) = \left(-7\frac{1}{20}\right)$

3. $\left(-5\frac{1}{3}\right) - \left(-3\frac{1}{4}\right) = \left(-\frac{16}{3}\right) - \left(-\frac{13}{4}\right) = \left(-\frac{64}{12}\right) - \left(-\frac{39}{12}\right) = \left(-\frac{25}{12}\right) = \left(-2\frac{1}{12}\right)$

4. $\left(-4\frac{4}{5}\right) - \left(-2\frac{1}{3}\right) = \left(-\frac{24}{5}\right) - \left(-\frac{7}{3}\right) = \left(-\frac{72}{15}\right) - \left(-\frac{35}{15}\right) = \left(-\frac{37}{15}\right) = \left(-2\frac{7}{15}\right)$

5. $\left(-2\frac{1}{4}\right) - 5\frac{1}{3} = \left(-\frac{9}{4}\right) - \frac{16}{3} = \left(-\frac{27}{12}\right) - \frac{64}{12} = \left(-\frac{91}{12}\right) = \left(-7\frac{7}{12}\right)$

6. $\left(-2\frac{2}{5}\right) - \left(-2\frac{2}{3}\right) = \left(-\frac{12}{5}\right) - \left(-\frac{8}{3}\right) = \left(-\frac{36}{15}\right) - \left(-\frac{40}{15}\right) = \frac{4}{15}$

7. $\left(-1\frac{2}{3}\right) - 4\frac{1}{4} = \left(-\frac{5}{3}\right) - \frac{17}{4} = \left(-\frac{20}{12}\right) - \frac{51}{12} = \left(-\frac{71}{12}\right) = \left(-5\frac{11}{12}\right)$

8. $\left(-4\frac{1}{2}\right) - \frac{2}{3} = \left(-\frac{9}{2}\right) - \frac{2}{3} = \left(-\frac{27}{6}\right) - \frac{4}{6} = \left(-\frac{31}{6}\right) = \left(-5\frac{1}{6}\right)$

9. $\left(-4\frac{1}{5}\right) - 1\frac{1}{3} = \left(-\frac{21}{5}\right) - \frac{4}{3} = \left(-\frac{63}{15}\right) - \frac{20}{15} = \left(-\frac{83}{15}\right) = \left(-5\frac{8}{15}\right)$

10. $\left(-5\frac{2}{3}\right) - \left(-4\frac{4}{5}\right) = \left(-\frac{17}{3}\right) - \left(-\frac{24}{5}\right) = \left(-\frac{85}{15}\right) - \left(-\frac{72}{15}\right) = \left(-\frac{13}{15}\right)$

Subtracting Negative Mixed Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-4\frac{3}{4}\right) - 1\frac{2}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

2. $\left(-1\frac{1}{3}\right) - 3\frac{2}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

3. $\left(-2\frac{3}{5}\right) - \left(-4\frac{3}{4}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

4. $\left(-3\frac{3}{5}\right) - \frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

5. $\left(-1\frac{5}{6}\right) - \left(-5\frac{1}{5}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

6. $\left(-2\frac{1}{3}\right) - 2\frac{4}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

7. $\left(-4\frac{1}{2}\right) - \frac{4}{5}$ = ___ − ___ = ___ − ___ = ___ = ___

8. $\left(-2\frac{3}{4}\right) - \left(-5\frac{4}{5}\right)$ = ___ − ___ = ___ − ___ = ___ = ___

9. $\left(-4\frac{4}{5}\right) - 1\frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-2\frac{1}{5}\right) - \frac{1}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-4\frac{3}{4}\right) - 1\frac{2}{3} = \left(-\frac{19}{4}\right) - \frac{5}{3} = \left(-\frac{57}{12}\right) - \frac{20}{12} = \left(-\frac{77}{12}\right) = \left(-6\frac{5}{12}\right)$

2. $\left(-1\frac{1}{3}\right) - 3\frac{2}{5} = \left(-\frac{4}{3}\right) - \frac{17}{5} = \left(-\frac{20}{15}\right) - \frac{51}{15} = \left(-\frac{71}{15}\right) = \left(-4\frac{11}{15}\right)$

3. $\left(-2\frac{3}{5}\right) - \left(-4\frac{3}{4}\right) = \left(-\frac{13}{5}\right) - \left(-\frac{19}{4}\right) = \left(-\frac{52}{20}\right) - \left(-\frac{95}{20}\right) = \frac{43}{20} = 2\frac{3}{20}$

4. $\left(-3\frac{3}{5}\right) - \frac{1}{3} = \left(-\frac{18}{5}\right) - \frac{1}{3} = \left(-\frac{54}{15}\right) - \frac{5}{15} = \left(-\frac{59}{15}\right) = \left(-3\frac{14}{15}\right)$

5. $\left(-1\frac{5}{6}\right) - \left(-5\frac{1}{5}\right) = \left(-\frac{11}{6}\right) - \left(-\frac{26}{5}\right) = \left(-\frac{55}{30}\right) - \left(-\frac{156}{30}\right) = \frac{101}{30} = 3\frac{11}{30}$

6. $\left(-2\frac{1}{3}\right) - 2\frac{4}{5} = \left(-\frac{7}{3}\right) - \frac{14}{5} = \left(-\frac{35}{15}\right) - \frac{42}{15} = \left(-\frac{77}{15}\right) = \left(-5\frac{2}{15}\right)$

7. $\left(-4\frac{1}{2}\right) - \frac{4}{5} = \left(-\frac{9}{2}\right) - \frac{4}{5} = \left(-\frac{45}{10}\right) - \frac{8}{10} = \left(-\frac{53}{10}\right) = \left(-5\frac{3}{10}\right)$

8. $\left(-2\frac{3}{4}\right) - \left(-5\frac{4}{5}\right) = \left(-\frac{11}{4}\right) - \left(-\frac{29}{5}\right) = \left(-\frac{55}{20}\right) - \left(-\frac{116}{20}\right) = \frac{61}{20} = 3\frac{1}{20}$

9. $\left(-4\frac{4}{5}\right) - 1\frac{1}{3} = \left(-\frac{24}{5}\right) - \frac{4}{3} = \left(-\frac{72}{15}\right) - \frac{20}{15} = \left(-\frac{92}{15}\right) = \left(-6\frac{2}{15}\right)$

10. $\left(-2\frac{1}{5}\right) - \frac{1}{3} = \left(-\frac{11}{5}\right) - \frac{1}{3} = \left(-\frac{33}{15}\right) - \frac{5}{15} = \left(-\frac{38}{15}\right) = \left(-2\frac{8}{15}\right)$