

# Operations with Fractions (A)

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

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

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

Calculate each result.

1.  $\frac{7}{2} - \frac{9}{7} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$   
Denominator                      Solve                      Convert ↓

2.  $\left(-\frac{4}{3}\right) + \left(-\frac{6}{7}\right) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

3.  $\left(-\frac{1}{2}\right) - \left(-\frac{6}{5}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

4.  $\frac{27}{7} \times \left(-\frac{2}{7}\right) = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

5.  $\frac{7}{8} \div \frac{10}{9} = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

6.  $\frac{20}{7} - \frac{5}{2} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

7.  $\left(-\frac{3}{2}\right) \div \left(-\frac{7}{3}\right) = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

8.  $\frac{7}{3} \times \left(-\frac{13}{8}\right) = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

9.  $\left(-\frac{7}{6}\right) \div \frac{16}{5} = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

10.  $\left(-\frac{3}{2}\right) \times \frac{3}{2} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

## Operations with Fractions (A) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{7}{2} - \frac{9}{7} = \frac{49}{14} - \frac{18}{14} = \frac{31}{14} = 2\frac{3}{14}$$

$$2. \quad \left(-\frac{4}{3}\right) + \left(-\frac{6}{7}\right) = \left(-\frac{28}{21}\right) + \left(-\frac{18}{21}\right) = \left(-\frac{46}{21}\right) = \left(-2\frac{4}{21}\right)$$

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

$$4. \quad \frac{27}{7} \times \left(-\frac{2}{7}\right) = \left(-\frac{54}{49}\right) = \left(-1\frac{5}{49}\right)$$

$$5. \quad \frac{7}{8} \div \frac{10}{9} = \frac{7}{8} \times \frac{9}{10} = \frac{63}{80}$$

$$6. \quad \frac{20}{7} - \frac{5}{2} = \frac{40}{14} - \frac{35}{14} = \frac{5}{14}$$

$$7. \quad \left(-\frac{3}{2}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{3}{7}\right) = \frac{9}{14}$$

$$8. \quad \frac{7}{3} \times \left(-\frac{13}{8}\right) = \left(-\frac{91}{24}\right) = \left(-3\frac{19}{24}\right)$$

$$9. \quad \left(-\frac{7}{6}\right) \div \frac{16}{5} = \left(-\frac{7}{6}\right) \times \frac{5}{16} = \left(-\frac{35}{96}\right)$$

$$10. \quad \left(-\frac{3}{2}\right) \times \frac{3}{2} = \left(-\frac{9}{4}\right) = \left(-2\frac{1}{4}\right)$$

## Operations with Fractions (B)

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

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

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

Calculate each result.

1.  $\frac{3}{2} + \frac{8}{5} = \text{---} + \text{---} = \text{---} = \text{---}$

2.  $\left(-\frac{11}{9}\right) \times \left(-\frac{10}{3}\right) = \text{---} = \text{---}$

3.  $\frac{15}{4} \times \left(-\frac{3}{4}\right) = \text{---} = \text{---}$

4.  $\frac{19}{8} - \frac{11}{7} = \text{---} - \text{---} = \text{---}$

5.  $\left(-\frac{19}{7}\right) + \frac{5}{2} = \text{---} + \text{---} = \text{---}$

6.  $\frac{9}{8} \times \left(-\frac{1}{2}\right) = \text{---}$

7.  $\left(-\frac{5}{2}\right) \div \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $\left(-\frac{25}{7}\right) \div \frac{7}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\frac{7}{3} - \left(-\frac{17}{5}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

10.  $\left(-\frac{3}{2}\right) + \left(-\frac{35}{9}\right) = \text{---} + \text{---} = \text{---} = \text{---}$

## Operations with Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{3}{2} + \frac{8}{5} = \frac{15}{10} + \frac{16}{10} = \frac{31}{10} = 3\frac{1}{10}$$

$$2. \quad \left(-\frac{11}{9}\right) \times \left(-\frac{10}{3}\right) = \frac{110}{27} = 4\frac{2}{27}$$

$$3. \quad \frac{15}{4} \times \left(-\frac{3}{4}\right) = \left(-\frac{45}{16}\right) = \left(-2\frac{13}{16}\right)$$

$$4. \quad \frac{19}{8} - \frac{11}{7} = \frac{133}{56} - \frac{88}{56} = \frac{45}{56}$$

$$5. \quad \left(-\frac{19}{7}\right) + \frac{5}{2} = \left(-\frac{38}{14}\right) + \frac{35}{14} = \left(-\frac{3}{14}\right)$$

$$6. \quad \frac{9}{8} \times \left(-\frac{1}{2}\right) = \left(-\frac{9}{16}\right)$$

$$7. \quad \left(-\frac{5}{2}\right) \div \frac{4}{3} = \left(-\frac{5}{2}\right) \times \frac{3}{4} = \left(-\frac{15}{8}\right) = \left(-1\frac{7}{8}\right)$$

$$8. \quad \left(-\frac{25}{7}\right) \div \frac{7}{3} = \left(-\frac{25}{7}\right) \times \frac{3}{7} = \left(-\frac{75}{49}\right) = \left(-1\frac{26}{49}\right)$$

$$9. \quad \frac{7}{3} - \left(-\frac{17}{5}\right) = \frac{35}{15} - \left(-\frac{51}{15}\right) = \frac{86}{15} = 5\frac{11}{15}$$

$$10. \quad \left(-\frac{3}{2}\right) + \left(-\frac{35}{9}\right) = \left(-\frac{27}{18}\right) + \left(-\frac{70}{18}\right) = \left(-\frac{97}{18}\right) = \left(-5\frac{7}{18}\right)$$

## Operations with Fractions (C)

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

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

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

Calculate each result.

1.  $\left(-\frac{29}{8}\right) \div \left(-\frac{2}{3}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{5}{8} \times \left(-\frac{1}{7}\right) = \text{---}$

3.  $\frac{1}{2} \div \frac{8}{3} = \text{---} \times \text{---} = \text{---}$

4.  $\frac{17}{5} + \frac{11}{3} = \text{---} + \text{---} = \text{---} = \text{---}$

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

6.  $\left(-\frac{16}{7}\right) - \left(-\frac{7}{2}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

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

8.  $\frac{11}{3} - \left(-\frac{24}{7}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

9.  $\frac{19}{9} - \left(-\frac{9}{8}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

10.  $\left(-\frac{4}{5}\right) \times \left(-\frac{6}{5}\right) = \text{---}$

## Operations with Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \left(-\frac{29}{8}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{29}{8}\right) \times \left(-\frac{3}{2}\right) = \frac{87}{16} = 5\frac{7}{16}$$

$$2. \frac{5}{8} \times \left(-\frac{1}{7}\right) = \left(-\frac{5}{56}\right)$$

$$3. \frac{1}{2} \div \frac{8}{3} = \frac{1}{2} \times \frac{3}{8} = \frac{3}{16}$$

$$4. \frac{17}{5} + \frac{11}{3} = \frac{51}{15} + \frac{55}{15} = \frac{106}{15} = 7\frac{1}{15}$$

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

$$6. \left(-\frac{16}{7}\right) - \left(-\frac{7}{2}\right) = \left(-\frac{32}{14}\right) - \left(-\frac{49}{14}\right) = \frac{17}{14} = 1\frac{3}{14}$$

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

$$8. \frac{11}{3} - \left(-\frac{24}{7}\right) = \frac{77}{21} - \left(-\frac{72}{21}\right) = \frac{149}{21} = 7\frac{2}{21}$$

$$9. \frac{19}{9} - \left(-\frac{9}{8}\right) = \frac{152}{72} - \left(-\frac{81}{72}\right) = \frac{233}{72} = 3\frac{17}{72}$$

$$10. \left(-\frac{4}{5}\right) \times \left(-\frac{6}{5}\right) = \frac{24}{25}$$

## Operations with Fractions (D)

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

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

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

Calculate each result.

1.  $\frac{20}{9} - \left(-\frac{11}{4}\right) = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{4}{3} \div \left(-\frac{19}{5}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

3.  $\left(-\frac{26}{9}\right) + \left(-\frac{12}{5}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{9}{8} - \left(-\frac{4}{3}\right) = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{7}{6} + \left(-\frac{8}{5}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

6.  $\frac{19}{7} \div \left(-\frac{21}{8}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8.  $\frac{15}{7} \div \left(-\frac{1}{3}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\left(-\frac{3}{2}\right) + \left(-\frac{7}{3}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\left(-\frac{19}{8}\right) \times \frac{7}{2} = \underline{\quad} = \underline{\quad}$

## Operations with Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{20}{9} - \left(-\frac{11}{4}\right) = \frac{80}{36} - \left(-\frac{99}{36}\right) = \frac{179}{36} = 4\frac{35}{36}$$

$$2. \quad \frac{4}{3} \div \left(-\frac{19}{5}\right) = \frac{4}{3} \times \left(-\frac{5}{19}\right) = \left(-\frac{20}{57}\right)$$

$$3. \quad \left(-\frac{26}{9}\right) + \left(-\frac{12}{5}\right) = \left(-\frac{130}{45}\right) + \left(-\frac{108}{45}\right) = \left(-\frac{238}{45}\right) = \left(-5\frac{13}{45}\right)$$

$$4. \quad \frac{9}{8} - \left(-\frac{4}{3}\right) = \frac{27}{24} - \left(-\frac{32}{24}\right) = \frac{59}{24} = 2\frac{11}{24}$$

$$5. \quad \frac{7}{6} + \left(-\frac{8}{5}\right) = \frac{35}{30} + \left(-\frac{48}{30}\right) = \left(-\frac{13}{30}\right)$$

$$6. \quad \frac{19}{7} \div \left(-\frac{21}{8}\right) = \frac{19}{7} \times \left(-\frac{8}{21}\right) = \left(-\frac{152}{147}\right) = \left(-1\frac{5}{147}\right)$$

$$7. \quad \frac{7}{5} - \left(-\frac{4}{3}\right) = \frac{21}{15} - \left(-\frac{20}{15}\right) = \frac{41}{15} = 2\frac{11}{15}$$

$$8. \quad \frac{15}{7} \div \left(-\frac{1}{3}\right) = \frac{15}{7} \times \left(-\frac{3}{1}\right) = \left(-\frac{45}{7}\right) = \left(-6\frac{3}{7}\right)$$

$$9. \quad \left(-\frac{3}{2}\right) + \left(-\frac{7}{3}\right) = \left(-\frac{9}{6}\right) + \left(-\frac{14}{6}\right) = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$

$$10. \quad \left(-\frac{19}{8}\right) \times \frac{7}{2} = \left(-\frac{133}{16}\right) = \left(-8\frac{5}{16}\right)$$

# Operations with Fractions (E)

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

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

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

Calculate each result.

1.  $\left(-\frac{25}{7}\right) \div \left(-\frac{26}{9}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{3}{4} \div \left(-\frac{8}{5}\right) = \text{---} \times \text{---} = \text{---}$

3.  $\left(-\frac{3}{8}\right) + \frac{10}{7} = \text{---} + \text{---} = \text{---} = \text{---}$

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

5.  $\left(-\frac{16}{7}\right) \times \left(-\frac{8}{3}\right) = \text{---} = \text{---}$

6.  $\frac{19}{6} \times \left(-\frac{11}{8}\right) = \text{---} = \text{---}$

7.  $\left(-\frac{13}{4}\right) + \left(-\frac{16}{5}\right) = \text{---} + \text{---} = \text{---} = \text{---}$

8.  $\left(-\frac{14}{9}\right) \div \frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\left(-\frac{6}{7}\right) - \left(-\frac{5}{3}\right) = \text{---} - \text{---} = \text{---}$

10.  $\left(-\frac{1}{2}\right) + \left(-\frac{2}{9}\right) = \text{---} + \text{---} = \text{---}$

## Operations with Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \left(-\frac{25}{7}\right) \div \left(-\frac{26}{9}\right) = \left(-\frac{25}{7}\right) \times \left(-\frac{9}{26}\right) = \frac{225}{182} = 1\frac{43}{182}$$

$$2. \frac{3}{4} \div \left(-\frac{8}{5}\right) = \frac{3}{4} \times \left(-\frac{5}{8}\right) = \left(-\frac{15}{32}\right)$$

$$3. \left(-\frac{3}{8}\right) + \frac{10}{7} = \left(-\frac{21}{56}\right) + \frac{80}{56} = \frac{59}{56} = 1\frac{3}{56}$$

$$4. \frac{10}{3} \times \frac{2}{9} = \frac{20}{27}$$

$$5. \left(-\frac{16}{7}\right) \times \left(-\frac{8}{3}\right) = \frac{128}{21} = 6\frac{2}{21}$$

$$6. \frac{19}{6} \times \left(-\frac{11}{8}\right) = \left(-\frac{209}{48}\right) = \left(-4\frac{17}{48}\right)$$

$$7. \left(-\frac{13}{4}\right) + \left(-\frac{16}{5}\right) = \left(-\frac{65}{20}\right) + \left(-\frac{64}{20}\right) = \left(-\frac{129}{20}\right) = \left(-6\frac{9}{20}\right)$$

$$8. \left(-\frac{14}{9}\right) \div \frac{1}{4} = \left(-\frac{14}{9}\right) \times \frac{4}{1} = \left(-\frac{56}{9}\right) = \left(-6\frac{2}{9}\right)$$

$$9. \left(-\frac{6}{7}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{18}{21}\right) - \left(-\frac{35}{21}\right) = \frac{17}{21}$$

$$10. \left(-\frac{1}{2}\right) + \left(-\frac{2}{9}\right) = \left(-\frac{9}{18}\right) + \left(-\frac{4}{18}\right) = \left(-\frac{13}{18}\right)$$

# Operations with Fractions (F)

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

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

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

Calculate each result.

1.  $\left(-\frac{18}{5}\right) + \frac{7}{8} = \text{---} + \text{---} = \text{---} = \text{---}$

2.  $\frac{7}{2} \div \left(-\frac{19}{5}\right) = \text{---} \times \text{---} = \text{---}$

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

4.  $\frac{17}{7} - \left(-\frac{23}{6}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

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

6.  $\frac{15}{7} - \left(-\frac{5}{3}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

7.  $\frac{19}{9} - \left(-\frac{27}{8}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

8.  $\frac{7}{2} \div \frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\frac{5}{2} \times \frac{7}{4} = \text{---} = \text{---}$

10.  $\frac{7}{3} \div \left(-\frac{1}{2}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

## Operations with Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \left(-\frac{18}{5}\right) + \frac{7}{8} = \left(-\frac{144}{40}\right) + \frac{35}{40} = \left(-\frac{109}{40}\right) = \left(-2\frac{29}{40}\right)$$

$$2. \frac{7}{2} \div \left(-\frac{19}{5}\right) = \frac{7}{2} \times \left(-\frac{5}{19}\right) = \left(-\frac{35}{38}\right)$$

$$3. \left(-\frac{7}{2}\right) + \frac{4}{3} = \left(-\frac{21}{6}\right) + \frac{8}{6} = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$4. \frac{17}{7} - \left(-\frac{23}{6}\right) = \frac{102}{42} - \left(-\frac{161}{42}\right) = \frac{263}{42} = 6\frac{11}{42}$$

$$5. \left(-\frac{3}{2}\right) + \frac{1}{7} = \left(-\frac{21}{14}\right) + \frac{2}{14} = \left(-\frac{19}{14}\right) = \left(-1\frac{5}{14}\right)$$

$$6. \frac{15}{7} - \left(-\frac{5}{3}\right) = \frac{45}{21} - \left(-\frac{35}{21}\right) = \frac{80}{21} = 3\frac{17}{21}$$

$$7. \frac{19}{9} - \left(-\frac{27}{8}\right) = \frac{152}{72} - \left(-\frac{243}{72}\right) = \frac{395}{72} = 5\frac{35}{72}$$

$$8. \frac{7}{2} \div \frac{2}{5} = \frac{7}{2} \times \frac{5}{2} = \frac{35}{4} = 8\frac{3}{4}$$

$$9. \frac{5}{2} \times \frac{7}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$10. \frac{7}{3} \div \left(-\frac{1}{2}\right) = \frac{7}{3} \times \left(-\frac{2}{1}\right) = \left(-\frac{14}{3}\right) = \left(-4\frac{2}{3}\right)$$

# Operations with Fractions (G)

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

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

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

Calculate each result.

1.  $\frac{1}{2} - \left(-\frac{17}{5}\right) = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{11}{3} + \frac{3}{5} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{5}{7} - \left(-\frac{9}{4}\right) = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5.  $\frac{22}{7} - \frac{13}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad}$

6.  $\left(-\frac{6}{7}\right) + \frac{29}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{5}{2} \div \frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{13}{6} + \left(-\frac{3}{7}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\left(-\frac{1}{4}\right) \div \frac{28}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10.  $\frac{10}{9} \times \left(-\frac{22}{7}\right) = \underline{\quad} = \underline{\quad}$

## Operations with Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{1}{2} - \left(-\frac{17}{5}\right) = \frac{5}{10} - \left(-\frac{34}{10}\right) = \frac{39}{10} = 3\frac{9}{10}$$

$$2. \quad \frac{11}{3} + \frac{3}{5} = \frac{55}{15} + \frac{9}{15} = \frac{64}{15} = 4\frac{4}{15}$$

$$3. \quad \frac{5}{7} - \left(-\frac{9}{4}\right) = \frac{20}{28} - \left(-\frac{63}{28}\right) = \frac{83}{28} = 2\frac{27}{28}$$

$$4. \quad \left(-\frac{4}{5}\right) \div \frac{1}{4} = \left(-\frac{4}{5}\right) \times \frac{4}{1} = \left(-\frac{16}{5}\right) = \left(-3\frac{1}{5}\right)$$

$$5. \quad \frac{22}{7} - \frac{13}{6} = \frac{132}{42} - \frac{91}{42} = \frac{41}{42}$$

$$6. \quad \left(-\frac{6}{7}\right) + \frac{29}{9} = \left(-\frac{54}{63}\right) + \frac{203}{63} = \frac{149}{63} = 2\frac{23}{63}$$

$$7. \quad \frac{5}{2} \div \frac{2}{3} = \frac{5}{2} \times \frac{3}{2} = \frac{15}{4} = 3\frac{3}{4}$$

$$8. \quad \frac{13}{6} + \left(-\frac{3}{7}\right) = \frac{91}{42} + \left(-\frac{18}{42}\right) = \frac{73}{42} = 1\frac{31}{42}$$

$$9. \quad \left(-\frac{1}{4}\right) \div \frac{28}{9} = \left(-\frac{1}{4}\right) \times \frac{9}{28} = \left(-\frac{9}{112}\right)$$

$$10. \quad \frac{10}{9} \times \left(-\frac{22}{7}\right) = \left(-\frac{220}{63}\right) = \left(-3\frac{31}{63}\right)$$

# Operations with Fractions (H)

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

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

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

Calculate each result.

1.  $\frac{29}{8} \div \frac{10}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{25}{8} - \left(-\frac{11}{3}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

3.  $\left(-\frac{11}{3}\right) \times \left(-\frac{7}{4}\right) = \text{---} = \text{---}$

4.  $\frac{1}{2} \div \frac{11}{7} = \text{---} \times \text{---} = \text{---}$

5.  $\frac{22}{7} - \frac{1}{8} = \text{---} - \text{---} = \text{---} = \text{---}$

6.  $\frac{11}{3} - \left(-\frac{13}{4}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

7.  $\frac{11}{4} \times \frac{3}{4} = \text{---} = \text{---}$

8.  $\frac{9}{4} \times \left(-\frac{1}{2}\right) = \text{---} = \text{---}$

9.  $\left(-\frac{8}{3}\right) \div \left(-\frac{9}{4}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{22}{7} + \frac{5}{3} = \text{---} + \text{---} = \text{---} = \text{---}$

# Operations with Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{29}{8} \div \frac{10}{9} = \frac{29}{8} \times \frac{9}{10} = \frac{261}{80} = 3\frac{21}{80}$$

$$2. \quad \frac{25}{8} - \left(-\frac{11}{3}\right) = \frac{75}{24} - \left(-\frac{88}{24}\right) = \frac{163}{24} = 6\frac{19}{24}$$

$$3. \quad \left(-\frac{11}{3}\right) \times \left(-\frac{7}{4}\right) = \frac{77}{12} = 6\frac{5}{12}$$

$$4. \quad \frac{1}{2} \div \frac{11}{7} = \frac{1}{2} \times \frac{7}{11} = \frac{7}{22}$$

$$5. \quad \frac{22}{7} - \frac{1}{8} = \frac{176}{56} - \frac{7}{56} = \frac{169}{56} = 3\frac{1}{56}$$

$$6. \quad \frac{11}{3} - \left(-\frac{13}{4}\right) = \frac{44}{12} - \left(-\frac{39}{12}\right) = \frac{83}{12} = 6\frac{11}{12}$$

$$7. \quad \frac{11}{4} \times \frac{3}{4} = \frac{33}{16} = 2\frac{1}{16}$$

$$8. \quad \frac{9}{4} \times \left(-\frac{1}{2}\right) = \left(-\frac{9}{8}\right) = \left(-1\frac{1}{8}\right)$$

$$9. \quad \left(-\frac{8}{3}\right) \div \left(-\frac{9}{4}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{4}{9}\right) = \frac{32}{27} = 1\frac{5}{27}$$

$$10. \quad \frac{22}{7} + \frac{5}{3} = \frac{66}{21} + \frac{35}{21} = \frac{101}{21} = 4\frac{17}{21}$$

# Operations with Fractions (I)

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

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

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

Calculate each result.

1.  $\frac{7}{2} \div \frac{10}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\left(-\frac{5}{2}\right) - \left(-\frac{14}{5}\right) = \text{---} - \text{---} = \text{---}$

3.  $\left(-\frac{2}{5}\right) \div \left(-\frac{11}{4}\right) = \text{---} \times \text{---} = \text{---}$

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

5.  $\left(-\frac{4}{3}\right) + \left(-\frac{11}{4}\right) = \text{---} + \text{---} = \text{---} = \text{---}$

6.  $\left(-\frac{3}{4}\right) \div \left(-\frac{19}{5}\right) = \text{---} \times \text{---} = \text{---}$

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

8.  $\left(-\frac{22}{7}\right) \times \frac{5}{9} = \text{---} = \text{---}$

9.  $\frac{13}{7} - \left(-\frac{10}{9}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

10.  $\frac{10}{3} + \frac{12}{7} = \text{---} + \text{---} = \text{---} = \text{---}$

## Operations with Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{7}{2} \div \frac{10}{3} = \frac{7}{2} \times \frac{3}{10} = \frac{21}{20} = 1\frac{1}{20}$$

$$2. \quad \left(-\frac{5}{2}\right) - \left(-\frac{14}{5}\right) = \left(-\frac{25}{10}\right) - \left(-\frac{28}{10}\right) = \frac{3}{10}$$

$$3. \quad \left(-\frac{2}{5}\right) \div \left(-\frac{11}{4}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{4}{11}\right) = \frac{8}{55}$$

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

$$5. \quad \left(-\frac{4}{3}\right) + \left(-\frac{11}{4}\right) = \left(-\frac{16}{12}\right) + \left(-\frac{33}{12}\right) = \left(-\frac{49}{12}\right) = \left(-4\frac{1}{12}\right)$$

$$6. \quad \left(-\frac{3}{4}\right) \div \left(-\frac{19}{5}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{5}{19}\right) = \frac{15}{76}$$

$$7. \quad \left(-\frac{1}{5}\right) \times \left(-\frac{2}{3}\right) = \frac{2}{15}$$

$$8. \quad \left(-\frac{22}{7}\right) \times \frac{5}{9} = \left(-\frac{110}{63}\right) = \left(-1\frac{47}{63}\right)$$

$$9. \quad \frac{13}{7} - \left(-\frac{10}{9}\right) = \frac{117}{63} - \left(-\frac{70}{63}\right) = \frac{187}{63} = 2\frac{61}{63}$$

$$10. \quad \frac{10}{3} + \frac{12}{7} = \frac{70}{21} + \frac{36}{21} = \frac{106}{21} = 5\frac{1}{21}$$

## Operations with Fractions (J)

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

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

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

Calculate each result.

1.  $\frac{20}{7} - \left(-\frac{11}{3}\right) = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{1}{8} \div \left(-\frac{10}{3}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

5.  $\left(-\frac{1}{3}\right) \times \frac{13}{7} = \underline{\quad}$

6.  $\frac{13}{5} + \frac{2}{3} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\left(-\frac{13}{4}\right) + \left(-\frac{10}{9}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{19}{7} \div \frac{5}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{11}{6} \times \left(-\frac{11}{9}\right) = \underline{\quad} = \underline{\quad}$

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

## Operations with Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{20}{7} - \left(-\frac{11}{3}\right) = \frac{60}{21} - \left(-\frac{77}{21}\right) = \frac{137}{21} = 6\frac{11}{21}$$

$$2. \quad \frac{1}{8} \div \left(-\frac{10}{3}\right) = \frac{1}{8} \times \left(-\frac{3}{10}\right) = \left(-\frac{3}{80}\right)$$

$$3. \quad \frac{1}{9} - \left(-\frac{3}{2}\right) = \frac{2}{18} - \left(-\frac{27}{18}\right) = \frac{29}{18} = 1\frac{11}{18}$$

$$4. \quad \frac{20}{9} - \frac{4}{5} = \frac{100}{45} - \frac{36}{45} = \frac{64}{45} = 1\frac{19}{45}$$

$$5. \quad \left(-\frac{1}{3}\right) \times \frac{13}{7} = \left(-\frac{13}{21}\right)$$

$$6. \quad \frac{13}{5} + \frac{2}{3} = \frac{39}{15} + \frac{10}{15} = \frac{49}{15} = 3\frac{4}{15}$$

$$7. \quad \left(-\frac{13}{4}\right) + \left(-\frac{10}{9}\right) = \left(-\frac{117}{36}\right) + \left(-\frac{40}{36}\right) = \left(-\frac{157}{36}\right) = \left(-4\frac{13}{36}\right)$$

$$8. \quad \frac{19}{7} \div \frac{5}{2} = \frac{19}{7} \times \frac{2}{5} = \frac{38}{35} = 1\frac{3}{35}$$

$$9. \quad \frac{11}{6} \times \left(-\frac{11}{9}\right) = \left(-\frac{121}{54}\right) = \left(-2\frac{13}{54}\right)$$

$$10. \quad \left(-\frac{10}{3}\right) + \frac{5}{2} = \left(-\frac{20}{6}\right) + \frac{15}{6} = \left(-\frac{5}{6}\right)$$