

## Dividing Negative Proper Fractions (A)

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

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

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

Calculate each quotient.

$$1. \quad \left(-\frac{9}{11}\right) \div \frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

Inversion                      Solve                      Simplify                      Convert ↓

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

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

$$4. \quad \left(-\frac{6}{7}\right) \div \left(-\frac{3}{4}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

$$6. \quad \left(-\frac{1}{9}\right) \div \left(-\frac{4}{7}\right) = \text{---} \times \text{---} = \text{---}$$

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

$$8. \quad \frac{5}{6} \div \left(-\frac{4}{9}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

## Dividing Negative Proper Fractions (A) Answers

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

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

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

Calculate each quotient.

$$1. \quad \left(-\frac{9}{11}\right) \div \frac{3}{4} = \left(-\frac{9}{11}\right) \times \frac{4}{3} = \left(-\frac{36}{33}\right) = \left(-\frac{12}{11}\right) = \left(-1\frac{1}{11}\right)$$

$$2. \quad \frac{4}{5} \div \left(-\frac{1}{3}\right) = \frac{4}{5} \times \left(-\frac{3}{1}\right) = \left(-\frac{12}{5}\right) = \left(-2\frac{2}{5}\right)$$

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

$$4. \quad \left(-\frac{6}{7}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{6}{7}\right) \times \left(-\frac{4}{3}\right) = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

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

$$6. \quad \left(-\frac{1}{9}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{9}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{36}$$

$$7. \quad \left(-\frac{1}{6}\right) \div \left(-\frac{1}{3}\right) = \left(-\frac{1}{6}\right) \times \left(-\frac{3}{1}\right) = \frac{3}{6} = \frac{1}{2}$$

$$8. \quad \frac{5}{6} \div \left(-\frac{4}{9}\right) = \frac{5}{6} \times \left(-\frac{9}{4}\right) = \left(-\frac{45}{24}\right) = \left(-\frac{15}{8}\right) = \left(-1\frac{7}{8}\right)$$

$$9. \quad \left(-\frac{8}{9}\right) \div \frac{1}{2} = \left(-\frac{8}{9}\right) \times \frac{2}{1} = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$$

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

## Dividing Negative Proper Fractions (B)

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

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

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

Calculate each quotient.

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

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

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

4.  $\left(-\frac{5}{12}\right) \div \frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\left(-\frac{1}{3}\right) \div \frac{9}{10} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

10.  $\left(-\frac{5}{9}\right) \div \left(-\frac{11}{12}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

## Dividing Negative Proper Fractions (B) Answers

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

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

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

Calculate each quotient.

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

$$2. \left(-\frac{2}{5}\right) \div \left(-\frac{2}{5}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{5}{2}\right) = \frac{10}{10} = 1$$

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

$$4. \left(-\frac{5}{12}\right) \div \frac{2}{7} = \left(-\frac{5}{12}\right) \times \frac{7}{2} = \left(-\frac{35}{24}\right) = \left(-1\frac{11}{24}\right)$$

$$5. \left(-\frac{1}{3}\right) \div \frac{9}{10} = \left(-\frac{1}{3}\right) \times \frac{10}{9} = \left(-\frac{10}{27}\right)$$

$$6. \left(-\frac{1}{7}\right) \div \left(-\frac{3}{5}\right) = \left(-\frac{1}{7}\right) \times \left(-\frac{5}{3}\right) = \frac{5}{21}$$

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

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

$$9. \left(-\frac{4}{5}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$$

$$10. \left(-\frac{5}{9}\right) \div \left(-\frac{11}{12}\right) = \left(-\frac{5}{9}\right) \times \left(-\frac{12}{11}\right) = \frac{60}{99} = \frac{20}{33}$$

## Dividing Negative Proper Fractions (C)

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

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

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

Calculate each quotient.

1.  $\left(-\frac{11}{12}\right) \div \left(-\frac{1}{2}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

6.  $\frac{1}{2} \div \left(-\frac{6}{7}\right) = \text{---} \times \text{---} = \text{---}$

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

8.  $\frac{3}{11} \div \left(-\frac{1}{3}\right) = \text{---} \times \text{---} = \text{---}$

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

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

## Dividing Negative Proper Fractions (C) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{11}{12}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{11}{12}\right) \times \left(-\frac{2}{1}\right) = \frac{22}{12} = \frac{11}{6} = 1\frac{5}{6}$$

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

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

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

$$5. \left(-\frac{2}{5}\right) \div \left(-\frac{2}{5}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{5}{2}\right) = \frac{10}{10} = 1$$

$$6. \frac{1}{2} \div \left(-\frac{6}{7}\right) = \frac{1}{2} \times \left(-\frac{7}{6}\right) = \left(-\frac{7}{12}\right)$$

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

$$8. \frac{3}{11} \div \left(-\frac{1}{3}\right) = \frac{3}{11} \times \left(-\frac{3}{1}\right) = \left(-\frac{9}{11}\right)$$

$$9. \left(-\frac{1}{7}\right) \div \frac{1}{2} = \left(-\frac{1}{7}\right) \times \frac{2}{1} = \left(-\frac{2}{7}\right)$$

$$10. \left(-\frac{1}{2}\right) \div \frac{4}{5} = \left(-\frac{1}{2}\right) \times \frac{5}{4} = \left(-\frac{5}{8}\right)$$

## Dividing Negative Proper Fractions (D)

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

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

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

Calculate each quotient.

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

2.  $\left(-\frac{6}{11}\right) \div \left(-\frac{1}{2}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

8.  $\left(-\frac{5}{11}\right) \div \frac{6}{7} = \text{---} \times \text{---} = \text{---}$

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

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

## Dividing Negative Proper Fractions (D) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{2}{3}\right) \div \left(-\frac{3}{5}\right) = \left(-\frac{2}{3}\right) \times \left(-\frac{5}{3}\right) = \frac{10}{9} = 1\frac{1}{9}$$

$$2. \left(-\frac{6}{11}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{6}{11}\right) \times \left(-\frac{2}{1}\right) = \frac{12}{11} = 1\frac{1}{11}$$

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

$$4. \left(-\frac{3}{4}\right) \div \left(-\frac{3}{5}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{5}{3}\right) = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

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

$$6. \left(-\frac{1}{2}\right) \div \left(-\frac{3}{8}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{8}{3}\right) = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$7. \left(-\frac{2}{3}\right) \div \left(-\frac{9}{11}\right) = \left(-\frac{2}{3}\right) \times \left(-\frac{11}{9}\right) = \frac{22}{27}$$

$$8. \left(-\frac{5}{11}\right) \div \frac{6}{7} = \left(-\frac{5}{11}\right) \times \frac{7}{6} = \left(-\frac{35}{66}\right)$$

$$9. \left(-\frac{1}{2}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{4}{3}\right) = \frac{4}{6} = \frac{2}{3}$$

$$10. \left(-\frac{1}{2}\right) \div \left(-\frac{7}{8}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{8}{7}\right) = \frac{8}{14} = \frac{4}{7}$$



## Dividing Negative Proper Fractions (E)

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

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

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

Calculate each quotient.

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

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

$$3. \quad \frac{2}{11} \div \left(-\frac{1}{5}\right) = \text{---} \times \text{---} = \text{---}$$

$$4. \quad \left(-\frac{1}{10}\right) \div \left(-\frac{8}{11}\right) = \text{---} \times \text{---} = \text{---}$$

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

$$6. \quad \frac{5}{9} \div \left(-\frac{5}{6}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$7. \quad \left(-\frac{1}{2}\right) \div \left(-\frac{5}{11}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$8. \quad \left(-\frac{2}{3}\right) \div \left(-\frac{3}{7}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$9. \quad \left(-\frac{2}{5}\right) \div \left(-\frac{1}{2}\right) = \text{---} \times \text{---} = \text{---}$$

$$10. \quad \frac{4}{5} \div \left(-\frac{11}{12}\right) = \text{---} \times \text{---} = \text{---}$$

## Dividing Negative Proper Fractions (E) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \left(-\frac{3}{4}\right) \div \frac{3}{10} = \left(-\frac{3}{4}\right) \times \frac{10}{3} = \left(-\frac{30}{12}\right) = \left(-\frac{5}{2}\right) = \left(-2\frac{1}{2}\right)$$

$$3. \quad \frac{2}{11} \div \left(-\frac{1}{5}\right) = \frac{2}{11} \times \left(-\frac{5}{1}\right) = \left(-\frac{10}{11}\right)$$

$$4. \quad \left(-\frac{1}{10}\right) \div \left(-\frac{8}{11}\right) = \left(-\frac{1}{10}\right) \times \left(-\frac{11}{8}\right) = \frac{11}{80}$$

$$5. \quad \frac{1}{4} \div \left(-\frac{5}{9}\right) = \frac{1}{4} \times \left(-\frac{9}{5}\right) = \left(-\frac{9}{20}\right)$$

$$6. \quad \frac{5}{9} \div \left(-\frac{5}{6}\right) = \frac{5}{9} \times \left(-\frac{6}{5}\right) = \left(-\frac{30}{45}\right) = \left(-\frac{2}{3}\right)$$

$$7. \quad \left(-\frac{1}{2}\right) \div \left(-\frac{5}{11}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{11}{5}\right) = \frac{11}{10} = 1\frac{1}{10}$$

$$8. \quad \left(-\frac{2}{3}\right) \div \left(-\frac{3}{7}\right) = \left(-\frac{2}{3}\right) \times \left(-\frac{7}{3}\right) = \frac{14}{9} = 1\frac{5}{9}$$

$$9. \quad \left(-\frac{2}{5}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{2}{1}\right) = \frac{4}{5}$$

$$10. \quad \frac{4}{5} \div \left(-\frac{11}{12}\right) = \frac{4}{5} \times \left(-\frac{12}{11}\right) = \left(-\frac{48}{55}\right)$$

## Dividing Negative Proper Fractions (F)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

7.  $\left(-\frac{9}{11}\right) \div \frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

10.  $\left(-\frac{1}{8}\right) \div \left(-\frac{1}{10}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

## Dividing Negative Proper Fractions (F) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \frac{1}{4} \div \left(-\frac{3}{4}\right) = \frac{1}{4} \times \left(-\frac{4}{3}\right) = \left(-\frac{4}{12}\right) = \left(-\frac{1}{3}\right)$$

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

$$4. \quad \left(-\frac{1}{2}\right) \div \left(-\frac{3}{8}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{8}{3}\right) = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

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

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

$$7. \quad \left(-\frac{9}{11}\right) \div \frac{2}{5} = \left(-\frac{9}{11}\right) \times \frac{5}{2} = \left(-\frac{45}{22}\right) = \left(-2\frac{1}{22}\right)$$

$$8. \quad \left(-\frac{3}{8}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{3}{8}\right) \times \left(-\frac{3}{2}\right) = \frac{9}{16}$$

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

$$10. \quad \left(-\frac{1}{8}\right) \div \left(-\frac{1}{10}\right) = \left(-\frac{1}{8}\right) \times \left(-\frac{10}{1}\right) = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

# Dividing Negative Proper Fractions (G)

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

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

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

Calculate each quotient.

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

2.  $\left(-\frac{2}{5}\right) \div \frac{6}{11} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4.  $\left(-\frac{1}{11}\right) \div \left(-\frac{1}{3}\right) = \text{---} \times \text{---} = \text{---}$

5.  $\frac{11}{12} \div \left(-\frac{5}{6}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

10.  $\frac{5}{12} \div \left(-\frac{2}{5}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

## Dividing Negative Proper Fractions (G) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \left(-\frac{2}{5}\right) \div \frac{6}{11} = \left(-\frac{2}{5}\right) \times \frac{11}{6} = \left(-\frac{22}{30}\right) = \left(-\frac{11}{15}\right)$$

$$3. \quad \left(-\frac{3}{5}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{3}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{9}{10}$$

$$4. \quad \left(-\frac{1}{11}\right) \div \left(-\frac{1}{3}\right) = \left(-\frac{1}{11}\right) \times \left(-\frac{3}{1}\right) = \frac{3}{11}$$

$$5. \quad \frac{11}{12} \div \left(-\frac{5}{6}\right) = \frac{11}{12} \times \left(-\frac{6}{5}\right) = \left(-\frac{66}{60}\right) = \left(-\frac{11}{10}\right) = \left(-1\frac{1}{10}\right)$$

$$6. \quad \left(-\frac{2}{7}\right) \div \frac{1}{2} = \left(-\frac{2}{7}\right) \times \frac{2}{1} = \left(-\frac{4}{7}\right)$$

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

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

$$9. \quad \left(-\frac{4}{5}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{2}{1}\right) = \frac{8}{5} = 1\frac{3}{5}$$

$$10. \quad \frac{5}{12} \div \left(-\frac{2}{5}\right) = \frac{5}{12} \times \left(-\frac{5}{2}\right) = \left(-\frac{25}{24}\right) = \left(-1\frac{1}{24}\right)$$

## Dividing Negative Proper Fractions (H)

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

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

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

Calculate each quotient.

1.  $\left(-\frac{5}{6}\right) \div \left(-\frac{4}{9}\right) = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

6.  $\frac{6}{7} \div \left(-\frac{6}{7}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

9.  $\left(-\frac{4}{5}\right) \div \left(-\frac{7}{9}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

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

## Dividing Negative Proper Fractions (H) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{5}{6}\right) \div \left(-\frac{4}{9}\right) = \left(-\frac{5}{6}\right) \times \left(-\frac{9}{4}\right) = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \frac{3}{7} \div \left(-\frac{7}{9}\right) = \frac{3}{7} \times \left(-\frac{9}{7}\right) = \left(-\frac{27}{49}\right)$$

$$3. \left(-\frac{5}{8}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{5}{8}\right) \times \left(-\frac{2}{1}\right) = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

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

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

$$6. \frac{6}{7} \div \left(-\frac{6}{7}\right) = \frac{6}{7} \times \left(-\frac{7}{6}\right) = \left(-\frac{42}{42}\right) = \left(-\frac{1}{1}\right)$$

$$7. \left(-\frac{3}{4}\right) \div \left(-\frac{3}{7}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{7}{3}\right) = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

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

$$9. \left(-\frac{4}{5}\right) \div \left(-\frac{7}{9}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{9}{7}\right) = \frac{36}{35} = 1\frac{1}{35}$$

$$10. \left(-\frac{1}{3}\right) \div \frac{4}{5} = \left(-\frac{1}{3}\right) \times \frac{5}{4} = \left(-\frac{5}{12}\right)$$



## Dividing Negative Proper Fractions (I)

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

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

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

Calculate each quotient.

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

2.  $\frac{7}{9} \div \left(-\frac{2}{5}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $\frac{9}{11} \div \left(-\frac{8}{9}\right) = \text{---} \times \text{---} = \text{---}$

4.  $\left(-\frac{5}{12}\right) \div \left(-\frac{7}{12}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\frac{7}{11} \div \left(-\frac{9}{10}\right) = \text{---} \times \text{---} = \text{---}$

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

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

8.  $\left(-\frac{1}{8}\right) \div \frac{6}{11} = \text{---} \times \text{---} = \text{---}$

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

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

## Dividing Negative Proper Fractions (I) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \frac{7}{9} \div \left(-\frac{2}{5}\right) = \frac{7}{9} \times \left(-\frac{5}{2}\right) = \left(-\frac{35}{18}\right) = \left(-1\frac{17}{18}\right)$$

$$3. \quad \frac{9}{11} \div \left(-\frac{8}{9}\right) = \frac{9}{11} \times \left(-\frac{9}{8}\right) = \left(-\frac{81}{88}\right)$$

$$4. \quad \left(-\frac{5}{12}\right) \div \left(-\frac{7}{12}\right) = \left(-\frac{5}{12}\right) \times \left(-\frac{12}{7}\right) = \frac{60}{84} = \frac{5}{7}$$

$$5. \quad \frac{7}{11} \div \left(-\frac{9}{10}\right) = \frac{7}{11} \times \left(-\frac{10}{9}\right) = \left(-\frac{70}{99}\right)$$

$$6. \quad \left(-\frac{2}{3}\right) \div \frac{3}{4} = \left(-\frac{2}{3}\right) \times \frac{4}{3} = \left(-\frac{8}{9}\right)$$

$$7. \quad \left(-\frac{2}{3}\right) \div \frac{4}{7} = \left(-\frac{2}{3}\right) \times \frac{7}{4} = \left(-\frac{14}{12}\right) = \left(-\frac{7}{6}\right) = \left(-1\frac{1}{6}\right)$$

$$8. \quad \left(-\frac{1}{8}\right) \div \frac{6}{11} = \left(-\frac{1}{8}\right) \times \frac{11}{6} = \left(-\frac{11}{48}\right)$$

$$9. \quad \frac{1}{7} \div \left(-\frac{4}{5}\right) = \frac{1}{7} \times \left(-\frac{5}{4}\right) = \left(-\frac{5}{28}\right)$$

$$10. \quad \frac{3}{8} \div \left(-\frac{1}{2}\right) = \frac{3}{8} \times \left(-\frac{2}{1}\right) = \left(-\frac{6}{8}\right) = \left(-\frac{3}{4}\right)$$

## Dividing Negative Proper Fractions (J)

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

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

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

Calculate each quotient.

$$1. \left(-\frac{6}{11}\right) \div \left(-\frac{6}{11}\right) = \text{---} \times \text{---} = \text{---} =$$

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

$$3. \left(-\frac{1}{12}\right) \div \left(-\frac{4}{7}\right) = \text{---} \times \text{---} = \text{---}$$

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

$$5. \left(-\frac{1}{11}\right) \div \frac{2}{3} = \text{---} \times \text{---} = \text{---}$$

$$6. \frac{1}{2} \div \left(-\frac{3}{4}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

$$9. \frac{2}{7} \div \left(-\frac{6}{7}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \left(-\frac{1}{5}\right) \div \left(-\frac{7}{8}\right) = \text{---} \times \text{---} = \text{---}$$

## Dividing Negative Proper Fractions (J) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{6}{11}\right) \div \left(-\frac{6}{11}\right) = \left(-\frac{6}{11}\right) \times \left(-\frac{11}{6}\right) = \frac{66}{66} = 1$$

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

$$3. \left(-\frac{1}{12}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{12}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{48}$$

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

$$5. \left(-\frac{1}{11}\right) \div \frac{2}{3} = \left(-\frac{1}{11}\right) \times \frac{3}{2} = \left(-\frac{3}{22}\right)$$

$$6. \frac{1}{2} \div \left(-\frac{3}{4}\right) = \frac{1}{2} \times \left(-\frac{4}{3}\right) = \left(-\frac{4}{6}\right) = \left(-\frac{2}{3}\right)$$

$$7. \left(-\frac{1}{4}\right) \div \left(-\frac{3}{5}\right) = \left(-\frac{1}{4}\right) \times \left(-\frac{5}{3}\right) = \frac{5}{12}$$

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

$$9. \frac{2}{7} \div \left(-\frac{6}{7}\right) = \frac{2}{7} \times \left(-\frac{7}{6}\right) = \left(-\frac{14}{42}\right) = \left(-\frac{1}{3}\right)$$

$$10. \left(-\frac{1}{5}\right) \div \left(-\frac{7}{8}\right) = \left(-\frac{1}{5}\right) \times \left(-\frac{8}{7}\right) = \frac{8}{35}$$