

## Dividing Negative Proper Fractions (A)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (A) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \left(-\frac{2}{4}\right) \div \frac{4}{5} = \left(-\frac{2}{4}\right) \times \frac{5}{4} = \left(-\frac{10}{16}\right) = \left(-\frac{5}{8}\right)$$

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

$$4. \quad \left(-\frac{1}{6}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{1}{6}\right) \times \left(-\frac{6}{5}\right) = \frac{6}{30} = \frac{1}{5}$$

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

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

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

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

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

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

## Dividing Negative Proper Fractions (B)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (B) Answers

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

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

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

Calculate each quotient.

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

$$2. \left(-\frac{1}{4}\right) \div \left(-\frac{4}{5}\right) = \left(-\frac{1}{4}\right) \times \left(-\frac{5}{4}\right) = \frac{5}{16}$$

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

$$4. \left(-\frac{2}{3}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{2}{3}\right) \times \left(-\frac{6}{5}\right) = \frac{12}{15} = \frac{4}{5}$$

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

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

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

$$8. \left(-\frac{1}{6}\right) \div \left(-\frac{2}{3}\right) = \left(-\frac{1}{6}\right) \times \left(-\frac{3}{2}\right) = \frac{3}{12} = \frac{1}{4}$$

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

$$10. \left(-\frac{3}{5}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{3}{5}\right) \times \left(-\frac{4}{3}\right) = \frac{12}{15} = \frac{4}{5}$$

## Dividing Negative Proper Fractions (C)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (C) Answers

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

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

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

Calculate each quotient.

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

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

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

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

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

$$6. \left(-\frac{1}{4}\right) \div \left(-\frac{2}{5}\right) = \left(-\frac{1}{4}\right) \times \left(-\frac{5}{2}\right) = \frac{5}{8}$$

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

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

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

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

## Dividing Negative Proper Fractions (D)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (D) Answers

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

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

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

Calculate each quotient.

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

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

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

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

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

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

$$7. \frac{1}{6} \div \left(-\frac{2}{5}\right) = \frac{1}{6} \times \left(-\frac{5}{2}\right) = \left(-\frac{5}{12}\right)$$

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

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

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

## Dividing Negative Proper Fractions (E)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (E) Answers

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

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

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

Calculate each quotient.

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

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

$$3. \quad \left(-\frac{3}{5}\right) \div \frac{4}{5} = \left(-\frac{3}{5}\right) \times \frac{5}{4} = \left(-\frac{15}{20}\right) = \left(-\frac{3}{4}\right)$$

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

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

$$6. \quad \left(-\frac{1}{5}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{1}{5}\right) \times \left(-\frac{6}{5}\right) = \frac{6}{25}$$

$$7. \quad \left(-\frac{2}{5}\right) \div \left(-\frac{4}{6}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{6}{4}\right) = \frac{12}{20} = \frac{3}{5}$$

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

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

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

## Dividing Negative Proper Fractions (F)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{4}{5}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{4}{5}\right) \times \left(-\frac{6}{5}\right) = \frac{24}{25}$$

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (G)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (G) Answers

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

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

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

Calculate each quotient.

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

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

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

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

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

$$6. \left(-\frac{2}{6}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{2}{6}\right) \times \left(-\frac{4}{3}\right) = \frac{8}{18} = \frac{4}{9}$$

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

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

$$9. \frac{2}{4} \div \left(-\frac{5}{6}\right) = \frac{2}{4} \times \left(-\frac{6}{5}\right) = \left(-\frac{12}{20}\right) = \left(-\frac{3}{5}\right)$$

$$10. \left(-\frac{2}{5}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{2}{5}\right) \times \left(-\frac{4}{3}\right) = \frac{8}{15}$$

## Dividing Negative Proper Fractions (H)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (H) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \left(-\frac{2}{6}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{2}{6}\right) \times \left(-\frac{4}{3}\right) = \frac{8}{18} = \frac{4}{9}$$

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

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

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

$$6. \quad \left(-\frac{3}{4}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{6}{5}\right) = \frac{18}{20} = \frac{9}{10}$$

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

$$8. \quad \left(-\frac{2}{6}\right) \div \frac{5}{6} = \left(-\frac{2}{6}\right) \times \frac{6}{5} = \left(-\frac{12}{30}\right) = \left(-\frac{2}{5}\right)$$

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

$$10. \quad \left(-\frac{3}{4}\right) \div \left(-\frac{4}{5}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{5}{4}\right) = \frac{15}{16}$$

## Dividing Negative Proper Fractions (I)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (I) Answers

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (J)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (J) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{3}{4}\right) \div \left(-\frac{4}{5}\right) = \left(-\frac{3}{4}\right) \times \left(-\frac{5}{4}\right) = \frac{15}{16}$$

$$2. \left(-\frac{2}{4}\right) \div \left(-\frac{5}{6}\right) = \left(-\frac{2}{4}\right) \times \left(-\frac{6}{5}\right) = \frac{12}{20} = \frac{3}{5}$$

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

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

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

$$6. \left(-\frac{2}{4}\right) \div \left(-\frac{4}{5}\right) = \left(-\frac{2}{4}\right) \times \left(-\frac{5}{4}\right) = \frac{10}{16} = \frac{5}{8}$$

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

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

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

$$10. \left(-\frac{2}{5}\right) \div \frac{4}{6} = \left(-\frac{2}{5}\right) \times \frac{6}{4} = \left(-\frac{12}{20}\right) = \left(-\frac{3}{5}\right)$$