

## Dividing Negative Proper Fractions (J)

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

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

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

Calculate each quotient.

1.  $\left(-\frac{2}{12}\right) \div \left(-\frac{7}{9}\right) =$

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

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

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

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

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

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

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

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

10.  $\left(-\frac{4}{11}\right) \div \left(-\frac{1}{2}\right) =$

## Dividing Negative Proper Fractions (J) Answers

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

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

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

Calculate each quotient.

$$1. \left(-\frac{2}{12}\right) \div \left(-\frac{7}{9}\right) = \left(-\frac{2}{12}\right) \times \left(-\frac{9}{7}\right) = \frac{18}{84} = \frac{3}{14}$$

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

$$3. \left(-\frac{1}{4}\right) \div \frac{4}{9} = \left(-\frac{1}{4}\right) \times \frac{9}{4} = \left(-\frac{9}{16}\right)$$

$$4. \frac{2}{3} \div \left(-\frac{6}{7}\right) = \frac{2}{3} \times \left(-\frac{7}{6}\right) = \left(-\frac{14}{18}\right) = \left(-\frac{7}{9}\right)$$

$$5. \frac{2}{7} \div \left(-\frac{3}{4}\right) = \frac{2}{7} \times \left(-\frac{4}{3}\right) = \left(-\frac{8}{21}\right)$$

$$6. \left(-\frac{6}{9}\right) \div \left(-\frac{3}{4}\right) = \left(-\frac{6}{9}\right) \times \left(-\frac{4}{3}\right) = \frac{24}{27} = \frac{8}{9}$$

$$7. \left(-\frac{2}{9}\right) \div \left(-\frac{1}{4}\right) = \left(-\frac{2}{9}\right) \times \left(-\frac{4}{1}\right) = \frac{8}{9}$$

$$8. \left(-\frac{6}{9}\right) \div \frac{6}{7} = \left(-\frac{6}{9}\right) \times \frac{7}{6} = \left(-\frac{42}{54}\right) = \left(-\frac{7}{9}\right)$$

$$9. \left(-\frac{1}{2}\right) \div \left(-\frac{4}{7}\right) = \left(-\frac{1}{2}\right) \times \left(-\frac{7}{4}\right) = \frac{7}{8}$$

$$10. \left(-\frac{4}{11}\right) \div \left(-\frac{1}{2}\right) = \left(-\frac{4}{11}\right) \times \left(-\frac{2}{1}\right) = \frac{8}{11}$$