

## Dividing Negative Proper Fractions (A)

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

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

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

Calculate each quotient.

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

Inversion                      Solve                      Convert ↓

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

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

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

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

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

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

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

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

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

## Dividing Negative Proper Fractions (A) Answers

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

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

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

Calculate each quotient.

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

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

$$3. \quad \left(-\frac{3}{5}\right) \div \left(-\frac{2}{5}\right) = \left(-\frac{3}{5}\right) \times \left(-\frac{5}{2}\right) = \frac{15}{10} = \frac{3}{2} = 1\frac{1}{2}$$

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

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

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

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

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

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

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