

Dividing Negative Proper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (J) Answers

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Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

$$10. \quad \frac{1}{6} \div \left(-\frac{3}{5}\right) = \frac{1}{6} \times \left(-\frac{5}{3}\right) = \left(-\frac{5}{18}\right)$$