

## Dividing Negative Mixed Fractions (G)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

## Dividing Negative Mixed Fractions (G) Answers

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

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

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

Calculate each quotient.

$$1. \quad \left(-3\frac{4}{5}\right) \div 1\frac{1}{6} = \left(-\frac{19}{5}\right) \div \frac{7}{6} = \left(-\frac{19}{5}\right) \times \frac{6}{7} = \left(-\frac{114}{35}\right) = \left(-4\frac{9}{35}\right)$$

$$2. \quad \left(-2\frac{1}{3}\right) \div 3\frac{1}{4} = \left(-\frac{7}{3}\right) \div \frac{13}{4} = \left(-\frac{7}{3}\right) \times \frac{4}{13} = \left(-\frac{28}{39}\right)$$

$$3. \quad \frac{1}{3} \div \left(-3\frac{1}{2}\right) = \frac{1}{3} \div \left(-\frac{7}{2}\right) = \frac{1}{3} \times \left(-\frac{2}{7}\right) = \left(-\frac{2}{21}\right)$$

$$4. \quad 2\frac{1}{2} \div \left(-4\frac{4}{5}\right) = \frac{5}{2} \div \left(-\frac{24}{5}\right) = \frac{5}{2} \times \left(-\frac{5}{24}\right) = \left(-\frac{25}{48}\right)$$

$$5. \quad 1\frac{1}{3} \div \left(-3\frac{3}{4}\right) = \frac{4}{3} \div \left(-\frac{15}{4}\right) = \frac{4}{3} \times \left(-\frac{4}{15}\right) = \left(-\frac{16}{45}\right)$$

$$6. \quad \left(-4\frac{1}{3}\right) \div \left(-4\frac{1}{2}\right) = \left(-\frac{13}{3}\right) \div \left(-\frac{9}{2}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{2}{9}\right) = \frac{26}{27}$$

$$7. \quad \left(-3\frac{3}{4}\right) \div 2\frac{4}{5} = \left(-\frac{15}{4}\right) \div \frac{14}{5} = \left(-\frac{15}{4}\right) \times \frac{5}{14} = \left(-\frac{75}{56}\right) = \left(-2\frac{19}{56}\right)$$

$$8. \quad \left(-2\frac{1}{2}\right) \div \left(-3\frac{2}{3}\right) = \left(-\frac{5}{2}\right) \div \left(-\frac{11}{3}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{3}{11}\right) = \frac{15}{22}$$

$$9. \quad \left(-2\frac{3}{5}\right) \div \frac{1}{2} = \left(-\frac{13}{5}\right) \div \frac{1}{2} = \left(-\frac{13}{5}\right) \times \frac{2}{1} = \left(-\frac{26}{5}\right) = \left(-6\frac{1}{5}\right)$$

$$10. \quad 2\frac{1}{3} \div \left(-3\frac{2}{5}\right) = \frac{7}{3} \div \left(-\frac{17}{5}\right) = \frac{7}{3} \times \left(-\frac{5}{17}\right) = \left(-\frac{35}{51}\right)$$