

Multiplying Negative Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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

Multiplying Negative Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

$$1. \quad \left(-5\frac{1}{6}\right) \times \frac{1}{2} = \left(-\frac{31}{6}\right) \times \frac{1}{2} = \left(-\frac{31}{12}\right) = \left(-2\frac{7}{12}\right)$$

$$2. \quad \frac{2}{3} \times \left(-2\frac{4}{5}\right) = \frac{2}{3} \times \left(-\frac{14}{5}\right) = \left(-\frac{28}{15}\right) = \left(-1\frac{13}{15}\right)$$

$$3. \quad 2\frac{1}{3} \times \left(-1\frac{3}{5}\right) = \frac{7}{3} \times \left(-\frac{8}{5}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$$

$$4. \quad \frac{3}{5} \times \left(-2\frac{2}{5}\right) = \frac{3}{5} \times \left(-\frac{12}{5}\right) = \left(-\frac{36}{25}\right) = \left(-1\frac{11}{25}\right)$$

$$5. \quad \left(-3\frac{1}{3}\right) \times \frac{1}{3} = \left(-\frac{10}{3}\right) \times \frac{1}{3} = \left(-\frac{10}{9}\right) = \left(-1\frac{1}{9}\right)$$

$$6. \quad \frac{3}{5} \times \left(-1\frac{2}{4}\right) = \frac{3}{5} \times \left(-\frac{6}{4}\right) = \left(-\frac{18}{20}\right) = \left(-\frac{9}{10}\right)$$

$$7. \quad \left(-1\frac{4}{5}\right) \times \left(-2\frac{3}{5}\right) = \left(-\frac{9}{5}\right) \times \left(-\frac{13}{5}\right) = \frac{117}{25} = 4\frac{17}{25}$$

$$8. \quad 2\frac{1}{2} \times \left(-3\frac{1}{4}\right) = \frac{5}{2} \times \left(-\frac{13}{4}\right) = \left(-\frac{65}{8}\right) = \left(-8\frac{1}{8}\right)$$

$$9. \quad \left(-3\frac{1}{4}\right) \times 2\frac{3}{5} = \left(-\frac{13}{4}\right) \times \frac{13}{5} = \left(-\frac{169}{20}\right) = \left(-8\frac{9}{20}\right)$$

$$10. \quad 5\frac{1}{6} \times \left(-1\frac{2}{5}\right) = \frac{31}{6} \times \left(-\frac{7}{5}\right) = \left(-\frac{217}{30}\right) = \left(-7\frac{7}{30}\right)$$