

Multiplying Negative Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each product.

1. $\left(-2\frac{8}{10}\right) \times \left(-2\frac{1}{5}\right) =$

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

3. $4\frac{6}{7} \times \left(-1\frac{3}{9}\right) =$

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

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

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

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

8. $2\frac{7}{11} \times \left(-2\frac{1}{2}\right) =$

9. $\left(-4\frac{2}{4}\right) \times \left(-1\frac{6}{7}\right) =$

10. $\frac{2}{7} \times \left(-5\frac{2}{9}\right) =$

Multiplying Negative Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

$$1. \left(-2\frac{8}{10}\right) \times \left(-2\frac{1}{5}\right) = \left(-\frac{28}{10}\right) \times \left(-\frac{11}{5}\right) = \frac{308}{50} = \frac{154}{25} = 6\frac{4}{25}$$

$$2. \left(-2\frac{2}{3}\right) \times 1\frac{1}{3} = \left(-\frac{8}{3}\right) \times \frac{4}{3} = \left(-\frac{32}{9}\right) = \left(-3\frac{5}{9}\right)$$

$$3. 4\frac{6}{7} \times \left(-1\frac{3}{9}\right) = \frac{34}{7} \times \left(-\frac{12}{9}\right) = \left(-\frac{408}{63}\right) = \left(-\frac{136}{21}\right) = \left(-6\frac{10}{21}\right)$$

$$4. \left(-1\frac{7}{9}\right) \times \left(-1\frac{8}{9}\right) = \left(-\frac{16}{9}\right) \times \left(-\frac{17}{9}\right) = \frac{272}{81} = 3\frac{29}{81}$$

$$5. \left(-4\frac{2}{3}\right) \times \frac{4}{9} = \left(-\frac{14}{3}\right) \times \frac{4}{9} = \left(-\frac{56}{27}\right) = \left(-2\frac{2}{27}\right)$$

$$6. 1\frac{2}{5} \times \left(-3\frac{2}{4}\right) = \frac{7}{5} \times \left(-\frac{14}{4}\right) = \left(-\frac{98}{20}\right) = \left(-\frac{49}{10}\right) = \left(-4\frac{9}{10}\right)$$

$$7. \left(-1\frac{1}{4}\right) \times \left(-3\frac{4}{7}\right) = \left(-\frac{5}{4}\right) \times \left(-\frac{25}{7}\right) = \frac{125}{28} = 4\frac{13}{28}$$

$$8. 2\frac{7}{11} \times \left(-2\frac{1}{2}\right) = \frac{29}{11} \times \left(-\frac{5}{2}\right) = \left(-\frac{145}{22}\right) = \left(-6\frac{13}{22}\right)$$

$$9. \left(-4\frac{2}{4}\right) \times \left(-1\frac{6}{7}\right) = \left(-\frac{18}{4}\right) \times \left(-\frac{13}{7}\right) = \frac{234}{28} = \frac{117}{14} = 8\frac{5}{14}$$

$$10. \frac{2}{7} \times \left(-5\frac{2}{9}\right) = \frac{2}{7} \times \left(-\frac{47}{9}\right) = \left(-\frac{94}{63}\right) = \left(-1\frac{31}{63}\right)$$