

Multiplying Negative Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

3. $\left(-1\frac{5}{11}\right) \times \left(-3\frac{9}{11}\right) =$

4. $\frac{5}{9} \times \left(-4\frac{4}{12}\right) =$

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

6. $\left(-2\frac{1}{3}\right) \times 3\frac{4}{11} =$

7. $\left(-1\frac{2}{3}\right) \times \left(-4\frac{2}{12}\right) =$

8. $\left(-2\frac{3}{10}\right) \times \left(-2\frac{7}{10}\right) =$

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

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

Multiplying Negative Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

$$1. \quad \left(-3\frac{1}{8}\right) \times \left(-2\frac{1}{2}\right) = \left(-\frac{25}{8}\right) \times \left(-\frac{5}{2}\right) = \frac{125}{16} = 7\frac{13}{16}$$

$$2. \quad \frac{8}{9} \times \left(-1\frac{2}{3}\right) = \frac{8}{9} \times \left(-\frac{5}{3}\right) = \left(-\frac{40}{27}\right) = \left(-1\frac{13}{27}\right)$$

$$3. \quad \left(-1\frac{5}{11}\right) \times \left(-3\frac{9}{11}\right) = \left(-\frac{16}{11}\right) \times \left(-\frac{42}{11}\right) = \frac{672}{121} = 5\frac{67}{121}$$

$$4. \quad \frac{5}{9} \times \left(-4\frac{4}{12}\right) = \frac{5}{9} \times \left(-\frac{52}{12}\right) = \left(-\frac{260}{108}\right) = \left(-\frac{65}{27}\right) = \left(-2\frac{11}{27}\right)$$

$$5. \quad \frac{1}{9} \times \left(-1\frac{3}{7}\right) = \frac{1}{9} \times \left(-\frac{10}{7}\right) = \left(-\frac{10}{63}\right)$$

$$6. \quad \left(-2\frac{1}{3}\right) \times 3\frac{4}{11} = \left(-\frac{7}{3}\right) \times \frac{37}{11} = \left(-\frac{259}{33}\right) = \left(-7\frac{28}{33}\right)$$

$$7. \quad \left(-1\frac{2}{3}\right) \times \left(-4\frac{2}{12}\right) = \left(-\frac{5}{3}\right) \times \left(-\frac{50}{12}\right) = \frac{250}{36} = \frac{125}{18} = 6\frac{17}{18}$$

$$8. \quad \left(-2\frac{3}{10}\right) \times \left(-2\frac{7}{10}\right) = \left(-\frac{23}{10}\right) \times \left(-\frac{27}{10}\right) = \frac{621}{100} = 6\frac{21}{100}$$

$$9. \quad 1\frac{1}{4} \times \left(-4\frac{1}{6}\right) = \frac{5}{4} \times \left(-\frac{25}{6}\right) = \left(-\frac{125}{24}\right) = \left(-5\frac{5}{24}\right)$$

$$10. \quad \left(-4\frac{1}{2}\right) \times 1\frac{4}{7} = \left(-\frac{9}{2}\right) \times \frac{11}{7} = \left(-\frac{99}{14}\right) = \left(-7\frac{1}{14}\right)$$