Multiplying Negative Mixed Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $2\frac{5}{9} \times \left(-2\frac{6}{10}\right) =$

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

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

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

5. $\frac{1}{3} \times \left(-3\frac{11}{12}\right) =$

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

7. $\frac{3}{4} \times \left(-1\frac{10}{11}\right) =$

8. $\left(-3\frac{7}{12}\right) \times \left(-1\frac{1}{10}\right) =$

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

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

Multiplying Negative Mixed Fractions (B) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $2\frac{5}{9} \times \left(-2\frac{6}{10}\right) = \frac{23}{9} \times \left(-\frac{26}{10}\right) = \left(-\frac{598}{90}\right) = \left(-\frac{299}{45}\right) = \left(-6\frac{29}{45}\right)$

2. $\left(-4\frac{1}{7}\right) \times \left(-1\frac{4}{6}\right) = \left(-\frac{29}{7}\right) \times \left(-\frac{10}{6}\right) = \frac{290}{42} = \frac{145}{21} = 6\frac{19}{21}$

3. $1\frac{3}{8} \times \left(-2\frac{3}{4}\right) = \frac{11}{8} \times \left(-\frac{11}{4}\right) = \left(-\frac{121}{32}\right) = \left(-3\frac{25}{32}\right)$

4. $4\frac{4}{5} \times \left(-1\frac{4}{5}\right) = \frac{24}{5} \times \left(-\frac{9}{5}\right) = \left(-\frac{216}{25}\right) = \left(-8\frac{16}{25}\right)$

5. $\frac{1}{3} \times \left(-3\frac{11}{12}\right) = \frac{1}{3} \times \left(-\frac{47}{12}\right) = \left(-\frac{47}{36}\right) = \left(-1\frac{11}{36}\right)$

6. $\left(-5\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{21}{4}\right) \times \left(-\frac{3}{2}\right) = \frac{63}{8} = 7\frac{7}{8}$

7. $\frac{3}{4} \times \left(-1\frac{10}{11}\right) = \frac{3}{4} \times \left(-\frac{21}{11}\right) = \left(-\frac{63}{44}\right) = \left(-1\frac{19}{44}\right)$

8. $\left(-3\frac{7}{12}\right) \times \left(-1\frac{1}{10}\right) = \left(-\frac{43}{12}\right) \times \left(-\frac{11}{10}\right) = \frac{473}{120} = 3\frac{113}{120}$

9. $\left(-1\frac{3}{4}\right) \times 4\frac{1}{2} = \left(-\frac{7}{4}\right) \times \frac{9}{2} = \left(-\frac{63}{8}\right) = \left(-7\frac{7}{8}\right)$

10. $\left(-2\frac{1}{2}\right) \times 3\frac{6}{11} = \left(-\frac{5}{2}\right) \times \frac{39}{11} = \left(-\frac{195}{22}\right) = \left(-8\frac{19}{22}\right)$