Multiplying Negative Mixed Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each product.

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

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

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

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

5. $\frac{7}{9} \times \frac{3}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

8. $1\frac{1}{2} \times \frac{2}{3} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

10. $\frac{10}{11} \times \frac{4}{11} = \frac{\quad}{\quad}$

Multiplying Negative Mixed Fractions (B) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\frac{4}{7} \times \left(-2\frac{1}{4}\right) = \frac{4}{7} \times \left(-\frac{9}{4}\right) = \left(-\frac{36}{28}\right) = \left(-\frac{9}{7}\right) = \left(-1\frac{2}{7}\right)$

2. $\frac{4}{7} \times \left(-2\frac{1}{5}\right) = \frac{4}{7} \times \left(-\frac{11}{5}\right) = \left(-\frac{44}{35}\right) = \left(-1\frac{9}{35}\right)$

3. $\frac{2}{3} \times \left(-1\frac{4}{11}\right) = \frac{2}{3} \times \left(-\frac{15}{11}\right) = \left(-\frac{30}{33}\right) = \left(-\frac{10}{11}\right)$

4. $\left(-2\frac{2}{3}\right) \times \frac{1}{9} = \left(-\frac{8}{3}\right) \times \frac{1}{9} = \left(-\frac{8}{27}\right)$

5. $\frac{7}{9} \times \frac{3}{10} = \frac{21}{90} = \frac{7}{30}$

6. $\left(-2\frac{3}{5}\right) \times \frac{1}{2} = \left(-\frac{13}{5}\right) \times \frac{1}{2} = \left(-\frac{13}{10}\right) = \left(-1\frac{3}{10}\right)$

7. $\left(-1\frac{3}{11}\right) \times \left(-1\frac{3}{5}\right) = \left(-\frac{14}{11}\right) \times \left(-\frac{8}{5}\right) = \frac{112}{55} = 2\frac{2}{55}$

8. $1\frac{1}{2} \times \frac{2}{3} = \frac{3}{2} \times \frac{2}{3} = \frac{6}{6} = 1$

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

10. $\frac{10}{11} \times \frac{4}{11} = \frac{40}{121}$