Multiplying Negative Mixed Fractions (I)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-1\frac{9}{11}\right) \times \frac{3}{4}$ = ___ × ___ = ___ = ___ = ___

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

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

4. $\left(-1\frac{1}{8}\right) \times \left(-1\frac{3}{5}\right)$ = ___ × ___ = ___ = ___ = ___

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

6. $1\frac{1}{6} \times \left(-2\frac{7}{8}\right)$ = ___ × ___ = ___ = ___

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

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

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

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

Multiplying Negative Mixed Fractions (I) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-1\frac{9}{11}\right) \times \frac{3}{4} = \left(-\frac{20}{11}\right) \times \frac{3}{4} = \left(-\frac{60}{44}\right) = \left(-\frac{15}{11}\right) = \left(-1\frac{4}{11}\right)$

2. $1\frac{1}{4} \times \left(-1\frac{1}{9}\right) = \frac{5}{4} \times \left(-\frac{10}{9}\right) = \left(-\frac{50}{36}\right) = \left(-\frac{25}{18}\right) = \left(-1\frac{7}{18}\right)$

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

4. $\left(-1\frac{1}{8}\right) \times \left(-1\frac{3}{5}\right) = \left(-\frac{9}{8}\right) \times \left(-\frac{8}{5}\right) = \frac{72}{40} = \frac{9}{5} = 1\frac{4}{5}$

5. $\left(-2\frac{1}{7}\right) \times \frac{1}{3} = \left(-\frac{15}{7}\right) \times \frac{1}{3} = \left(-\frac{15}{21}\right) = \left(-\frac{5}{7}\right)$

6. $1\frac{1}{6} \times \left(-2\frac{7}{8}\right) = \frac{7}{6} \times \left(-\frac{23}{8}\right) = \left(-\frac{161}{48}\right) = \left(-3\frac{17}{48}\right)$

7. $1\frac{2}{3} \times \left(-2\frac{1}{2}\right) = \frac{5}{3} \times \left(-\frac{5}{2}\right) = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$

8. $\frac{1}{2} \times \left(-2\frac{1}{5}\right) = \frac{1}{2} \times \left(-\frac{11}{5}\right) = \left(-\frac{11}{10}\right) = \left(-1\frac{1}{10}\right)$

9. $\left(-2\frac{1}{5}\right) \times \frac{3}{4} = \left(-\frac{11}{5}\right) \times \frac{3}{4} = \left(-\frac{33}{20}\right) = \left(-1\frac{13}{20}\right)$

10. $\left(-1\frac{1}{2}\right) \times \frac{3}{11} = \left(-\frac{3}{2}\right) \times \frac{3}{11} = \left(-\frac{9}{22}\right)$