Multiplying Negative Mixed Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each product.

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

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

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

4. $\frac{1}{4} \times \frac{1}{2}$ = ___

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

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

7. $\frac{3}{5} \times \frac{3}{4}$ = ___

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

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

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

Multiplying Negative Mixed Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-1\frac{2}{3}\right) \times 1\frac{1}{2} = \left(-\frac{5}{3}\right) \times \frac{3}{2} = \left(-\frac{15}{6}\right) = \left(-\frac{5}{2}\right) = \left(-2\frac{1}{2}\right)$

2. $\left(-1\frac{3}{5}\right) \times \left(-1\frac{2}{5}\right) = \left(-\frac{8}{5}\right) \times \left(-\frac{7}{5}\right) = \frac{56}{25} = 2\frac{6}{25}$

3. $\frac{1}{6} \times \left(-1\frac{2}{5}\right) = \frac{1}{6} \times \left(-\frac{7}{5}\right) = \left(-\frac{7}{30}\right)$

4. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$

5. $\left(-2\frac{3}{4}\right) \times \frac{4}{5} = \left(-\frac{11}{4}\right) \times \frac{4}{5} = \left(-\frac{44}{20}\right) = \left(-\frac{11}{5}\right) = \left(-2\frac{1}{5}\right)$

6. $\left(-1\frac{2}{5}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{7}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{21}{10} = 2\frac{1}{10}$

7. $\frac{3}{5} \times \frac{3}{4} = \frac{9}{20}$

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

9. $\left(-1\frac{3}{5}\right) \times \frac{1}{2} = \left(-\frac{8}{5}\right) \times \frac{1}{2} = \left(-\frac{8}{10}\right) = \left(-\frac{4}{5}\right)$

10. $1\frac{1}{3} \times \left(-1\frac{1}{2}\right) = \frac{4}{3} \times \left(-\frac{3}{2}\right) = \left(-\frac{12}{6}\right) = 2$