Multiplying Negative Mixed Fractions (G)

Name: _____ Date: _____ Score: _____

Calculate each product.

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

2. $\frac{5}{8} \times \left(-1\frac{3}{7}\right)$ = —— × —— = —— = ——

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

4. $1\frac{1}{2} \times \frac{4}{11}$ = —— × —— = —— = ——

5. $1\frac{10}{11} \times \frac{1}{4}$ = —— × —— = ——

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

7. $\left(-2\frac{1}{12}\right) \times \frac{1}{6}$ = —— × —— = ——

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

9. $\frac{1}{2} \times \frac{1}{4}$ = ——

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

Multiplying Negative Mixed Fractions (G) Answers

Name: _____   Date: _____   Score: _____

Calculate each product.

1. $\left(-2\frac{1}{2}\right) \times 1\frac{2}{5} \quad = \quad \left(-\frac{5}{2}\right) \times \frac{7}{5} \quad = \left(-\frac{35}{10}\right) = \left(-\frac{7}{2}\right) = \left(-3\frac{1}{2}\right)$

2. $\frac{5}{8} \times \left(-1\frac{3}{7}\right) \quad = \quad \frac{5}{8} \times \left(-\frac{10}{7}\right) \quad = \left(-\frac{50}{56}\right) = \left(-\frac{25}{28}\right)$

3. $\left(-1\frac{3}{7}\right) \times \frac{1}{2} \quad = \quad \left(-\frac{10}{7}\right) \times \frac{1}{2} \quad = \left(-\frac{10}{14}\right) = \left(-\frac{5}{7}\right)$

4. $1\frac{1}{2} \times \frac{4}{11} \quad = \quad \frac{3}{2} \times \frac{4}{11} \quad = \quad \frac{12}{22} \quad = \quad \frac{6}{11}$

5. $1\frac{10}{11} \times \frac{1}{4} \quad = \quad \frac{21}{11} \times \frac{1}{4} \quad = \quad \frac{21}{44}$

6. $\left(-2\frac{2}{3}\right) \times \left(-1\frac{1}{10}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{11}{10}\right) = \quad \frac{88}{30} \quad = \quad \frac{44}{15} \quad = \quad 2\frac{14}{15}$

7. $\left(-2\frac{1}{12}\right) \times \frac{1}{6} \quad = \quad \left(-\frac{25}{12}\right) \times \frac{1}{6} \quad = \left(-\frac{25}{72}\right)$

8. $\left(-1\frac{4}{7}\right) \times \frac{2}{5} \quad = \quad \left(-\frac{11}{7}\right) \times \frac{2}{5} \quad = \left(-\frac{22}{35}\right)$

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

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