Multiplying Negative Mixed Fractions (J)

Name: _____   Date: _____   Score: _____

Calculate each product.

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

2. $1\frac{2}{11} \times \left(-1\frac{5}{7}\right)$ = — × — = — = —

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

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

5. $\frac{1}{3} \times \frac{4}{5}$ = —

6. $\frac{1}{2} \times 1\frac{4}{5}$ = — × — = —

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

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

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

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

Multiplying Negative Mixed Fractions (J) Answers

Name: _____   Date: _____   Score: _____

Calculate each product.

1. $1\frac{1}{3} \times \left(-1\frac{3}{8}\right) = \frac{4}{3} \times \left(-\frac{11}{8}\right) = \left(-\frac{44}{24}\right) = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$

2. $1\frac{2}{11} \times \left(-1\frac{5}{7}\right) = \frac{13}{11} \times \left(-\frac{12}{7}\right) = \left(-\frac{156}{77}\right) = \left(-2\frac{2}{77}\right)$

3. $\left(-1\frac{3}{5}\right) \times \frac{5}{9} = \left(-\frac{8}{5}\right) \times \frac{5}{9} = \left(-\frac{40}{45}\right) = \left(-\frac{8}{9}\right)$

4. $\frac{1}{3} \times \left(-1\frac{3}{11}\right) = \frac{1}{3} \times \left(-\frac{14}{11}\right) = \left(-\frac{14}{33}\right)$

5. $\frac{1}{3} \times \frac{4}{5} = \frac{4}{15}$

6. $\frac{1}{2} \times 1\frac{4}{5} = \frac{1}{2} \times \frac{9}{5} = \frac{9}{10}$

7. $\left(-1\frac{2}{5}\right) \times \left(-1\frac{3}{7}\right) = \left(-\frac{7}{5}\right) \times \left(-\frac{10}{7}\right) = \frac{70}{35} = 2$

8. $\frac{7}{8} \times \left(-2\frac{1}{2}\right) = \frac{7}{8} \times \left(-\frac{5}{2}\right) = \left(-\frac{35}{16}\right) = \left(-2\frac{3}{16}\right)$

9. $\left(-1\frac{7}{8}\right) \times 1\frac{1}{3} = \left(-\frac{15}{8}\right) \times \frac{4}{3} = \left(-\frac{60}{24}\right) = \left(-\frac{5}{2}\right) = \left(-2\frac{1}{2}\right)$

10. $\frac{5}{9} \times \left(-1\frac{1}{5}\right) = \frac{5}{9} \times \left(-\frac{6}{5}\right) = \left(-\frac{30}{45}\right) = \left(-\frac{2}{3}\right)$

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