Multiplying Negative Mixed Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-1\frac{1}{3}\right) \times \frac{7}{8} = \frac{-4}{3} \times \frac{7}{8} = \frac{-28}{24} = \frac{-7}{6} = -1\frac{1}{6}$

   Convert ↑ Solve Simplify Convert ↓

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

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

4. $\left(-1\frac{9}{10}\right) \times \frac{1}{4} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

6. $\left(-1\frac{1}{8}\right) \times \frac{4}{5} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

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

Multiplying Negative Mixed Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-1\frac{1}{3}\right) \times \frac{7}{8} = \left(-\frac{4}{3}\right) \times \frac{7}{8} = \left(-\frac{28}{24}\right) = \left(-\frac{7}{6}\right) = \left(-1\frac{1}{6}\right)$

2. $\left(-2\frac{7}{8}\right) \times \frac{1}{2} = \left(-\frac{23}{8}\right) \times \frac{1}{2} = \left(-\frac{23}{16}\right) = \left(-1\frac{7}{16}\right)$

3. $\left(-1\frac{3}{5}\right) \times \frac{3}{4} = \left(-\frac{8}{5}\right) \times \frac{3}{4} = \left(-\frac{24}{20}\right) = \left(-\frac{6}{5}\right) = \left(-1\frac{1}{5}\right)$

4. $\left(-1\frac{9}{10}\right) \times \frac{1}{4} = \left(-\frac{19}{10}\right) \times \frac{1}{4} = \left(-\frac{19}{40}\right)$

5. $\left(-1\frac{5}{8}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{13}{8}\right) \times \left(-\frac{3}{2}\right) = \frac{39}{16} = 2\frac{7}{16}$

6. $\left(-1\frac{1}{8}\right) \times \frac{4}{5} = \left(-\frac{9}{8}\right) \times \frac{4}{5} = \left(-\frac{36}{40}\right) = \left(-\frac{9}{10}\right)$

7. $\frac{1}{3} \times \left(-2\frac{1}{3}\right) = \frac{1}{3} \times \left(-\frac{7}{3}\right) = \left(-\frac{7}{9}\right)$

8. $\frac{2}{3} \times \left(-2\frac{1}{3}\right) = \frac{2}{3} \times \left(-\frac{7}{3}\right) = \left(-\frac{14}{9}\right) = \left(-1\frac{5}{9}\right)$

9. $\frac{7}{12} \times \left(-1\frac{1}{2}\right) = \frac{7}{12} \times \left(-\frac{3}{2}\right) = \left(-\frac{21}{24}\right) = \left(-\frac{7}{8}\right)$

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

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

Multiplying Negative Mixed Fractions (C)

Name: _____ Date: _____ Score: _____

Calculate each product.

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

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

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

4. $1\frac{1}{3} \times \frac{8}{11}$ = ___ × ___ = ___

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

6. $\frac{1}{3} \times \left(-2\frac{5}{12}\right)$ = ___ × ___ = ___

7. $\frac{1}{9} \times \frac{1}{9}$ = ___

8. $\frac{4}{5} \times \left(-1\frac{1}{10}\right)$ = ___ × ___ = ___ = ___

9. $1\frac{3}{5} \times \frac{3}{7}$ = ___ × ___ = ___

10. $\frac{4}{5} \times \frac{2}{3}$ = ___

Multiplying Negative Mixed Fractions (C) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-1\frac{5}{6}\right) \times 1\frac{1}{2} = \left(-\frac{11}{6}\right) \times \frac{3}{2} = \left(-\frac{33}{12}\right) = \left(-\frac{11}{4}\right) = \left(-2\frac{3}{4}\right)$

2. $\left(-1\frac{1}{2}\right) \times \left(-1\frac{3}{7}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{10}{7}\right) = \frac{30}{14} = \frac{15}{7} = 2\frac{1}{7}$

3. $\left(-2\frac{1}{5}\right) \times 1\frac{1}{2} = \left(-\frac{11}{5}\right) \times \frac{3}{2} = \left(-\frac{33}{10}\right) = \left(-3\frac{3}{10}\right)$

4. $1\frac{1}{3} \times \frac{8}{11} = \frac{4}{3} \times \frac{8}{11} = \frac{32}{33}$

5. $\frac{5}{11} \times 1\frac{1}{10} = \frac{5}{11} \times \frac{11}{10} = \frac{55}{110} = \frac{1}{2}$

6. $\frac{1}{3} \times \left(-2\frac{5}{12}\right) = \frac{1}{3} \times \left(-\frac{29}{12}\right) = \left(-\frac{29}{36}\right)$

7. $\frac{1}{9} \times \frac{1}{9} = \frac{1}{81}$

8. $\frac{4}{5} \times \left(-1\frac{1}{10}\right) = \frac{4}{5} \times \left(-\frac{11}{10}\right) = \left(-\frac{44}{50}\right) = \left(-\frac{22}{25}\right)$

9. $1\frac{3}{5} \times \frac{3}{7} = \frac{8}{5} \times \frac{3}{7} = \frac{24}{35}$

10. $\frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$

Multiplying Negative Mixed Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $1\frac{9}{10} \times \frac{2}{3}$ = ___ × ___ = ___ = ___ = ___

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

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

4. $\frac{5}{6} \times \frac{1}{3}$ = ___

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

6. $\frac{7}{8} \times 1\frac{1}{3}$ = ___ × ___ = ___ = ___ = ___

7. $\left(-1\frac{6}{7}\right) \times \left(-1\frac{5}{11}\right)$ = ___ × ___ = ___ = ___

8. $\frac{2}{3} \times \frac{5}{6}$ = ___ = ___

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

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

Multiplying Negative Mixed Fractions (D) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $1\frac{9}{10} \times \frac{2}{3} = \frac{19}{10} \times \frac{2}{3} = \frac{38}{30} = \frac{19}{15} = 1\frac{4}{15}$

2. $\left(-1\frac{5}{7}\right) \times \frac{1}{5} = \left(-\frac{12}{7}\right) \times \frac{1}{5} = \left(-\frac{12}{35}\right)$

3. $\left(-2\frac{1}{8}\right) \times \frac{3}{8} = \left(-\frac{17}{8}\right) \times \frac{3}{8} = \left(-\frac{51}{64}\right)$

4. $\frac{5}{6} \times \frac{1}{3} = \frac{5}{18}$

5. $\frac{1}{5} \times \left(-2\frac{2}{3}\right) = \frac{1}{5} \times \left(-\frac{8}{3}\right) = \left(-\frac{8}{15}\right)$

6. $\frac{7}{8} \times 1\frac{1}{3} = \frac{7}{8} \times \frac{4}{3} = \frac{28}{24} = \frac{7}{6} = 1\frac{1}{6}$

7. $\left(-1\frac{6}{7}\right) \times \left(-1\frac{5}{11}\right) = \left(-\frac{13}{7}\right) \times \left(-\frac{16}{11}\right) = \frac{208}{77} = 2\frac{54}{77}$

8. $\frac{2}{3} \times \frac{5}{6} = \frac{10}{18} = \frac{5}{9}$

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

10. $\frac{1}{2} \times \left(-2\frac{3}{4}\right) = \frac{1}{2} \times \left(-\frac{11}{4}\right) = \left(-\frac{11}{8}\right) = \left(-1\frac{3}{8}\right)$

Multiplying Negative Mixed Fractions (E)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\frac{5}{6} \times \left(-2\frac{5}{8}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

4. $\frac{8}{9} \times 1\frac{4}{7} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

7. $\frac{1}{4} \times \left(-2\frac{9}{10}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $1\frac{4}{5} \times \left(-1\frac{5}{12}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

Multiplying Negative Mixed Fractions (E) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\frac{5}{6} \times \left(-2\frac{5}{8}\right) = \frac{5}{6} \times \left(-\frac{21}{8}\right) = \left(-\frac{105}{48}\right) = \left(-\frac{35}{16}\right) = \left(-2\frac{3}{16}\right)$

2. $1\frac{2}{3} \times \left(-2\frac{4}{7}\right) = \frac{5}{3} \times \left(-\frac{18}{7}\right) = \left(-\frac{90}{21}\right) = \left(-\frac{30}{7}\right) = \left(-4\frac{2}{7}\right)$

3. $\left(-2\frac{3}{5}\right) \times \frac{2}{3} = \left(-\frac{13}{5}\right) \times \frac{2}{3} = \left(-\frac{26}{15}\right) = \left(-1\frac{11}{15}\right)$

4. $\frac{8}{9} \times 1\frac{4}{7} = \frac{8}{9} \times \frac{11}{7} = \frac{88}{63} = 1\frac{25}{63}$

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

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

7. $\frac{1}{4} \times \left(-2\frac{9}{10}\right) = \frac{1}{4} \times \left(-\frac{29}{10}\right) = \left(-\frac{29}{40}\right)$

8. $1\frac{4}{5} \times \left(-1\frac{5}{12}\right) = \frac{9}{5} \times \left(-\frac{17}{12}\right) = \left(-\frac{153}{60}\right) = \left(-\frac{51}{20}\right) = \left(-2\frac{11}{20}\right)$

9. $\left(-2\frac{1}{3}\right) \times 1\frac{1}{6} = \left(-\frac{7}{3}\right) \times \frac{7}{6} = \left(-\frac{49}{18}\right) = \left(-2\frac{13}{18}\right)$

10. $\left(-1\frac{5}{6}\right) \times \frac{2}{5} = \left(-\frac{11}{6}\right) \times \frac{2}{5} = \left(-\frac{22}{30}\right) = \left(-\frac{11}{15}\right)$

Multiplying Negative Mixed Fractions (F)

Name: _____ Date: _____ Score: _____

Calculate each product.

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

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

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

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

5. $\frac{4}{7} \times \frac{1}{9}$ = ___

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

7. $\frac{2}{9} \times \frac{8}{11}$ = ___

8. $\left(-1\frac{5}{6}\right) \times \frac{7}{8}$ = ___ × ___ = ___ = ___

9. $\frac{1}{6} \times \frac{1}{10}$ = ___

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

Multiplying Negative Mixed Fractions (F) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-2\frac{1}{5}\right) \times 1\frac{2}{3} = \left(-\frac{11}{5}\right) \times \frac{5}{3} = \left(-\frac{55}{15}\right) = \left(-\frac{11}{3}\right) = \left(-3\frac{2}{3}\right)$

2. $\left(-1\frac{4}{5}\right) \times \left(-1\frac{3}{5}\right) = \left(-\frac{9}{5}\right) \times \left(-\frac{8}{5}\right) = \frac{72}{25} = 2\frac{22}{25}$

3. $\frac{2}{3} \times \left(-1\frac{1}{4}\right) = \frac{2}{3} \times \left(-\frac{5}{4}\right) = \left(-\frac{10}{12}\right) = \left(-\frac{5}{6}\right)$

4. $\left(-1\frac{1}{6}\right) \times \left(-1\frac{5}{6}\right) = \left(-\frac{7}{6}\right) \times \left(-\frac{11}{6}\right) = \frac{77}{36} = 2\frac{5}{36}$

5. $\frac{4}{7} \times \frac{1}{9} = \frac{4}{63}$

6. $\left(-2\frac{1}{10}\right) \times \frac{1}{3} = \left(-\frac{21}{10}\right) \times \frac{1}{3} = \left(-\frac{21}{30}\right) = \left(-\frac{7}{10}\right)$

7. $\frac{2}{9} \times \frac{8}{11} = \frac{16}{99}$

8. $\left(-1\frac{5}{6}\right) \times \frac{7}{8} = \left(-\frac{11}{6}\right) \times \frac{7}{8} = \left(-\frac{77}{48}\right) = \left(-1\frac{29}{48}\right)$

9. $\frac{1}{6} \times \frac{1}{10} = \frac{1}{60}$

10. $\left(-1\frac{7}{8}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{15}{8}\right) \times \left(-\frac{3}{2}\right) = \frac{45}{16} = 2\frac{13}{16}$

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

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

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

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

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

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

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

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

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

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

Multiplying Negative Mixed Fractions (H)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-2\frac{1}{3}\right) \times \frac{4}{7}$ = ___ × ___ = ___ = ___ = ___

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

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

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

5. $\frac{3}{4} \times \frac{1}{2}$ = ___

6. $\frac{3}{4} \times 1\frac{2}{5}$ = ___ × ___ = ___ = ___

7. $\left(-1\frac{1}{3}\right) \times \frac{7}{12}$ = ___ × ___ = ___ = ___

8. $\left(-1\frac{7}{10}\right) \times 1\frac{2}{5}$ = ___ × ___ = ___ = ___

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

10. $1\frac{3}{10} \times \left(-2\frac{5}{11}\right)$ = ___ × ___ = ___ = ___

Multiplying Negative Mixed Fractions (H) Answers

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-2\frac{1}{3}\right) \times \frac{4}{7} = \left(-\frac{7}{3}\right) \times \frac{4}{7} = \left(-\frac{28}{21}\right) = \left(-\frac{4}{3}\right) = \left(-1\frac{1}{3}\right)$

2. $\left(-1\frac{5}{8}\right) \times \frac{1}{4} = \left(-\frac{13}{8}\right) \times \frac{1}{4} = \left(-\frac{13}{32}\right)$

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

4. $\left(-1\frac{3}{5}\right) \times \frac{2}{5} = \left(-\frac{8}{5}\right) \times \frac{2}{5} = \left(-\frac{16}{25}\right)$

5. $\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$

6. $\frac{3}{4} \times 1\frac{2}{5} = \frac{3}{4} \times \frac{7}{5} = \frac{21}{20} = 1\frac{1}{20}$

7. $\left(-1\frac{1}{3}\right) \times \frac{7}{12} = \left(-\frac{4}{3}\right) \times \frac{7}{12} = \left(-\frac{28}{36}\right) = \left(-\frac{7}{9}\right)$

8. $\left(-1\frac{7}{10}\right) \times 1\frac{2}{5} = \left(-\frac{17}{10}\right) \times \frac{7}{5} = \left(-\frac{119}{50}\right) = \left(-2\frac{19}{50}\right)$

9. $\left(-1\frac{1}{5}\right) \times \left(-1\frac{2}{3}\right) = \left(-\frac{6}{5}\right) \times \left(-\frac{5}{3}\right) = \frac{30}{15} = 2$

10. $1\frac{3}{10} \times \left(-2\frac{5}{11}\right) = \frac{13}{10} \times \left(-\frac{27}{11}\right) = \left(-\frac{351}{110}\right) = \left(-3\frac{21}{110}\right)$

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

Multiplying Negative Mixed Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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

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