

Multiplying Negative Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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

Multiplying Negative Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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