

Multiplying Negative Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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

Multiplying Negative Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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