

Multiplying Negative Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

4. $1\frac{1}{3} \times \frac{8}{11} = \text{---} \times \text{---} = \text{---}$

5. $\frac{5}{11} \times 1\frac{1}{10} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

9. $1\frac{3}{5} \times \frac{3}{7} = \text{---} \times \text{---} = \text{---}$

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

Multiplying Negative Mixed Fractions (C) Answers

Name: _____

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Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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