

Multiplying Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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

Multiplying Negative Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

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

$$2. \quad \left(-1\frac{2}{3}\right) \times 2\frac{3}{4} = \left(-\frac{5}{3}\right) \times \frac{11}{4} = \left(-\frac{55}{12}\right) = \left(-4\frac{7}{12}\right)$$

$$3. \quad \left(-1\frac{4}{5}\right) \times 4\frac{1}{2} = \left(-\frac{9}{5}\right) \times \frac{9}{2} = \left(-\frac{81}{10}\right) = \left(-8\frac{1}{10}\right)$$

$$4. \quad \left(-2\frac{1}{4}\right) \times \left(-1\frac{2}{5}\right) = \left(-\frac{9}{4}\right) \times \left(-\frac{7}{5}\right) = \frac{63}{20} = 3\frac{3}{20}$$

$$5. \quad \left(-3\frac{1}{2}\right) \times \left(-2\frac{3}{6}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{15}{6}\right) = \frac{105}{12} = \frac{35}{4} = 8\frac{3}{4}$$

$$6. \quad \frac{1}{3} \times \left(-3\frac{5}{6}\right) = \frac{1}{3} \times \left(-\frac{23}{6}\right) = \left(-\frac{23}{18}\right) = \left(-1\frac{5}{18}\right)$$

$$7. \quad \left(-3\frac{4}{5}\right) \times \left(-2\frac{1}{3}\right) = \left(-\frac{19}{5}\right) \times \left(-\frac{7}{3}\right) = \frac{133}{15} = 8\frac{13}{15}$$

$$8. \quad 2\frac{3}{4} \times \left(-2\frac{3}{4}\right) = \frac{11}{4} \times \left(-\frac{11}{4}\right) = \left(-\frac{121}{16}\right) = \left(-7\frac{9}{16}\right)$$

$$9. \quad \left(-2\frac{1}{3}\right) \times 1\frac{2}{3} = \left(-\frac{7}{3}\right) \times \frac{5}{3} = \left(-\frac{35}{9}\right) = \left(-3\frac{8}{9}\right)$$

$$10. \quad \frac{1}{6} \times \left(-3\frac{2}{3}\right) = \frac{1}{6} \times \left(-\frac{11}{3}\right) = \left(-\frac{11}{18}\right)$$