

Multiplying Negative Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

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

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

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

Multiplying Negative Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

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

$$2. \left(-2\frac{2}{6}\right) \times 1\frac{2}{3} = \left(-\frac{14}{6}\right) \times \frac{5}{3} = \left(-\frac{70}{18}\right) = \left(-\frac{35}{9}\right) = \left(-3\frac{8}{9}\right)$$

$$3. \frac{1}{5} \times \left(-4\frac{1}{3}\right) = \frac{1}{5} \times \left(-\frac{13}{3}\right) = \left(-\frac{13}{15}\right)$$

$$4. \left(-3\frac{2}{3}\right) \times \left(-1\frac{4}{6}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{10}{6}\right) = \frac{110}{18} = \frac{55}{9} = 6\frac{1}{9}$$

$$5. \frac{1}{3} \times \left(-3\frac{2}{6}\right) = \frac{1}{3} \times \left(-\frac{20}{6}\right) = \left(-\frac{20}{18}\right) = \left(-\frac{10}{9}\right) = \left(-1\frac{1}{9}\right)$$

$$6. \left(-5\frac{2}{5}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{27}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{81}{10} = 8\frac{1}{10}$$

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

$$8. \frac{1}{3} \times \left(-2\frac{2}{4}\right) = \frac{1}{3} \times \left(-\frac{10}{4}\right) = \left(-\frac{10}{12}\right) = \left(-\frac{5}{6}\right)$$

$$9. \left(-3\frac{1}{3}\right) \times 2\frac{2}{3} = \left(-\frac{10}{3}\right) \times \frac{8}{3} = \left(-\frac{80}{9}\right) = \left(-8\frac{8}{9}\right)$$

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