

Multiplying Negative Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

7. $\left(-2\frac{4}{6}\right) \times \left(-2\frac{3}{5}\right) =$

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

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

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

Multiplying Negative Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

$$1. \left(-4\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{17}{4}\right) \times \left(-\frac{3}{2}\right) = \frac{51}{8} = 6\frac{3}{8}$$

$$2. \left(-4\frac{1}{2}\right) \times \frac{3}{4} = \left(-\frac{9}{2}\right) \times \frac{3}{4} = \left(-\frac{27}{8}\right) = \left(-3\frac{3}{8}\right)$$

$$3. \left(-1\frac{1}{2}\right) \times \left(-5\frac{3}{4}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{23}{4}\right) = \frac{69}{8} = 8\frac{5}{8}$$

$$4. \frac{1}{5} \times \left(-2\frac{4}{6}\right) = \frac{1}{5} \times \left(-\frac{16}{6}\right) = \left(-\frac{16}{30}\right) = \left(-\frac{8}{15}\right)$$

$$5. \left(-1\frac{3}{4}\right) \times \frac{1}{6} = \left(-\frac{7}{4}\right) \times \frac{1}{6} = \left(-\frac{7}{24}\right)$$

$$6. \left(-4\frac{1}{3}\right) \times \left(-1\frac{1}{3}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{4}{3}\right) = \frac{52}{9} = 5\frac{7}{9}$$

$$7. \left(-2\frac{4}{6}\right) \times \left(-2\frac{3}{5}\right) = \left(-\frac{16}{6}\right) \times \left(-\frac{13}{5}\right) = \frac{208}{30} = \frac{104}{15} = 6\frac{14}{15}$$

$$8. \left(-2\frac{2}{3}\right) \times \left(-2\frac{3}{5}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{13}{5}\right) = \frac{104}{15} = 6\frac{14}{15}$$

$$9. \left(-1\frac{2}{6}\right) \times \frac{1}{3} = \left(-\frac{8}{6}\right) \times \frac{1}{3} = \left(-\frac{8}{18}\right) = \left(-\frac{4}{9}\right)$$

$$10. \frac{1}{3} \times \left(-4\frac{2}{3}\right) = \frac{1}{3} \times \left(-\frac{14}{3}\right) = \left(-\frac{14}{9}\right) = \left(-1\frac{5}{9}\right)$$