

Multiplying Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

7. $\left(-2\frac{6}{12}\right) \times 3\frac{4}{7} =$

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

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

10. $1\frac{5}{6} \times \left(-4\frac{3}{7}\right) =$

Multiplying Negative Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

$$1. \left(-1\frac{3}{8}\right) \times \left(-3\frac{5}{6}\right) = \left(-\frac{11}{8}\right) \times \left(-\frac{23}{6}\right) = \frac{253}{48} = 5\frac{13}{48}$$

$$2. \frac{1}{3} \times \left(-5\frac{2}{6}\right) = \frac{1}{3} \times \left(-\frac{32}{6}\right) = \left(-\frac{32}{18}\right) = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$$

$$3. \frac{3}{5} \times \left(-4\frac{2}{10}\right) = \frac{3}{5} \times \left(-\frac{42}{10}\right) = \left(-\frac{126}{50}\right) = \left(-\frac{63}{25}\right) = \left(-2\frac{13}{25}\right)$$

$$4. \left(-1\frac{5}{8}\right) \times 1\frac{4}{5} = \left(-\frac{13}{8}\right) \times \frac{9}{5} = \left(-\frac{117}{40}\right) = \left(-2\frac{37}{40}\right)$$

$$5. \left(-5\frac{5}{6}\right) \times \frac{1}{12} = \left(-\frac{35}{6}\right) \times \frac{1}{12} = \left(-\frac{35}{72}\right)$$

$$6. 3\frac{5}{7} \times \left(-1\frac{1}{3}\right) = \frac{26}{7} \times \left(-\frac{4}{3}\right) = \left(-\frac{104}{21}\right) = \left(-4\frac{20}{21}\right)$$

$$7. \left(-2\frac{6}{12}\right) \times 3\frac{4}{7} = \left(-\frac{30}{12}\right) \times \frac{25}{7} = \left(-\frac{750}{84}\right) = \left(-\frac{125}{14}\right) = \left(-8\frac{13}{14}\right)$$

$$8. \left(-3\frac{4}{5}\right) \times \frac{1}{6} = \left(-\frac{19}{5}\right) \times \frac{1}{6} = \left(-\frac{19}{30}\right)$$

$$9. \left(-3\frac{1}{5}\right) \times 2\frac{2}{5} = \left(-\frac{16}{5}\right) \times \frac{12}{5} = \left(-\frac{192}{25}\right) = \left(-7\frac{17}{25}\right)$$

$$10. 1\frac{5}{6} \times \left(-4\frac{3}{7}\right) = \frac{11}{6} \times \left(-\frac{31}{7}\right) = \left(-\frac{341}{42}\right) = \left(-8\frac{5}{42}\right)$$