

Multiplying Negative Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

4. $4\frac{2}{3} \times \left(-1\frac{3}{11}\right) =$

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

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

7. $\left(-2\frac{5}{7}\right) \times \left(-1\frac{7}{10}\right) =$

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

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

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

Multiplying Negative Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each product.

$$1. \quad \left(-1\frac{6}{9}\right) \times \left(-4\frac{3}{4}\right) = \left(-\frac{15}{9}\right) \times \left(-\frac{19}{4}\right) = \frac{285}{36} = \frac{95}{12} = 7\frac{11}{12}$$

$$2. \quad \left(-1\frac{3}{5}\right) \times \left(-1\frac{6}{7}\right) = \left(-\frac{8}{5}\right) \times \left(-\frac{13}{7}\right) = \frac{104}{35} = 2\frac{34}{35}$$

$$3. \quad \left(-2\frac{8}{9}\right) \times 2\frac{2}{9} = \left(-\frac{26}{9}\right) \times \frac{20}{9} = \left(-\frac{520}{81}\right) = \left(-6\frac{34}{81}\right)$$

$$4. \quad 4\frac{2}{3} \times \left(-1\frac{3}{11}\right) = \frac{14}{3} \times \left(-\frac{14}{11}\right) = \left(-\frac{196}{33}\right) = \left(-5\frac{31}{33}\right)$$

$$5. \quad 2\frac{3}{4} \times \left(-2\frac{1}{2}\right) = \frac{11}{4} \times \left(-\frac{5}{2}\right) = \left(-\frac{55}{8}\right) = \left(-6\frac{7}{8}\right)$$

$$6. \quad \frac{1}{3} \times \left(-2\frac{1}{3}\right) = \frac{1}{3} \times \left(-\frac{7}{3}\right) = \left(-\frac{7}{9}\right)$$

$$7. \quad \left(-2\frac{5}{7}\right) \times \left(-1\frac{7}{10}\right) = \left(-\frac{19}{7}\right) \times \left(-\frac{17}{10}\right) = \frac{323}{70} = 4\frac{43}{70}$$

$$8. \quad \frac{3}{5} \times \left(-5\frac{4}{10}\right) = \frac{3}{5} \times \left(-\frac{54}{10}\right) = \left(-\frac{162}{50}\right) = \left(-\frac{81}{25}\right) = \left(-3\frac{6}{25}\right)$$

$$9. \quad \left(-1\frac{1}{3}\right) \times \left(-4\frac{3}{7}\right) = \left(-\frac{4}{3}\right) \times \left(-\frac{31}{7}\right) = \frac{124}{21} = 5\frac{19}{21}$$

$$10. \quad \left(-1\frac{3}{10}\right) \times \left(-5\frac{4}{5}\right) = \left(-\frac{13}{10}\right) \times \left(-\frac{29}{5}\right) = \frac{377}{50} = 7\frac{27}{50}$$