

## Multiplying Negative Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each answer.

1.  $-2\frac{3}{10} \times -2\frac{5}{6} =$

2.  $-3\frac{5}{6} \times -1\frac{1}{6} =$

3.  $-3\frac{1}{2} \times 2\frac{10}{11} =$

4.  $2\frac{11}{12} \times -1\frac{7}{10} =$

5.  $1\frac{9}{10} \times -3\frac{6}{7} =$

6.  $1\frac{4}{9} \times -3\frac{1}{2} =$

7.  $-2\frac{4}{9} \times 2\frac{3}{4} =$

8.  $3\frac{3}{4} \times -3\frac{1}{2} =$

9.  $-3\frac{1}{2} \times 1\frac{5}{6} =$

10.  $-1\frac{6}{7} \times 1\frac{7}{12} =$

## Multiplying Negative Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each answer.

- $-2\frac{3}{10} \times -2\frac{5}{6} = -\frac{23}{10} \times -\frac{17}{6} = \frac{391}{60} = 6\frac{31}{60}$
- $-3\frac{5}{6} \times -1\frac{1}{6} = -\frac{23}{6} \times -\frac{7}{6} = \frac{161}{36} = 4\frac{17}{36}$
- $-3\frac{1}{2} \times 2\frac{10}{11} = -\frac{7}{21} \times \frac{32}{11}^{16} = -\frac{112}{11} = -10\frac{2}{11}$
- $2\frac{11}{12} \times -1\frac{7}{10} = \frac{35}{12}^7 \times -\frac{17}{10}^2 = -\frac{119}{24} = -4\frac{23}{24}$
- $1\frac{9}{10} \times -3\frac{6}{7} = \frac{19}{10} \times -\frac{27}{7} = -\frac{513}{70} = -7\frac{23}{70}$
- $1\frac{4}{9} \times -3\frac{1}{2} = \frac{13}{9} \times -\frac{7}{2} = -\frac{91}{18} = -5\frac{1}{18}$
- $-2\frac{4}{9} \times 2\frac{3}{4} = -\frac{22}{9}^{11} \times \frac{11}{4}^2 = -\frac{121}{18} = -6\frac{13}{18}$
- $3\frac{3}{4} \times -3\frac{1}{2} = \frac{15}{4} \times -\frac{7}{2} = -\frac{105}{8} = -13\frac{1}{8}$
- $-3\frac{1}{2} \times 1\frac{5}{6} = -\frac{7}{2} \times \frac{11}{6} = -\frac{77}{12} = -6\frac{5}{12}$
- $-1\frac{6}{7} \times 1\frac{7}{12} = -\frac{13}{7} \times \frac{19}{12} = -\frac{247}{84} = -2\frac{79}{84}$