

Dividing Negative Fractions (F)

Name: _____

Date: _____

Calculate each answer.

1. $-1\frac{1}{4} \div 2\frac{5}{6} =$

2. $-3\frac{3}{5} \div -3\frac{1}{4} =$

3. $-3\frac{1}{6} \div -1\frac{7}{9} =$

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

5. $-2\frac{4}{5} \div -1\frac{9}{10} =$

6. $-1\frac{11}{12} \div 1\frac{3}{4} =$

7. $3\frac{3}{5} \div -2\frac{5}{6} =$

8. $1\frac{6}{11} \div -3\frac{9}{10} =$

9. $-3\frac{7}{9} \div 2\frac{5}{7} =$

10. $1\frac{7}{8} \div -2\frac{4}{5} =$

Dividing Negative Fractions (F) Answers

Name: _____

Date: _____

Calculate each answer.

$$1. -1\frac{1}{4} \div 2\frac{5}{6} = -\frac{\cancel{5}^1}{\cancel{4}^2} \times \frac{\cancel{6}^3}{17} = -\frac{15}{34}$$

$$2. -3\frac{3}{5} \div -3\frac{1}{4} = -\frac{18}{5} \times -\frac{4}{13} = \frac{72}{65} = 1\frac{7}{65}$$

$$3. -3\frac{1}{6} \div -1\frac{7}{9} = -\frac{\cancel{19}^1}{\cancel{6}^2} \times -\frac{\cancel{9}^3}{16} = \frac{57}{32} = 1\frac{25}{32}$$

$$4. 1\frac{2}{3} \div -3\frac{3}{4} = \frac{\cancel{5}^1}{3} \times -\frac{4}{\cancel{15}^3} = -\frac{4}{9}$$

$$5. -2\frac{4}{5} \div -1\frac{9}{10} = -\frac{\cancel{14}^1}{\cancel{5}^1} \times -\frac{\cancel{10}^2}{19} = \frac{28}{19} = 1\frac{9}{19}$$

$$6. -1\frac{11}{12} \div 1\frac{3}{4} = -\frac{\cancel{23}^1}{\cancel{12}^3} \times \frac{\cancel{4}^1}{7} = -\frac{23}{21} = -1\frac{2}{21}$$

$$7. 3\frac{3}{5} \div -2\frac{5}{6} = \frac{18}{5} \times -\frac{6}{17} = -\frac{108}{85} = -1\frac{23}{85}$$

$$8. 1\frac{6}{11} \div -3\frac{9}{10} = \frac{17}{11} \times -\frac{10}{39} = -\frac{170}{429}$$

$$9. -3\frac{7}{9} \div 2\frac{5}{7} = -\frac{\cancel{34}^1}{9} \times \frac{7}{\cancel{19}^1} = -\frac{238}{171} = -1\frac{67}{171}$$

$$10. 1\frac{7}{8} \div -2\frac{4}{5} = \frac{15}{8} \times -\frac{5}{14} = -\frac{75}{112}$$