

Dividing Negative Fractions (E)

Name: _____

Date: _____

Calculate each answer.

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

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

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

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

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

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

7. $1\frac{1}{6} \div -1\frac{1}{2} =$

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

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

10. $-3\frac{3}{4} \div -1\frac{3}{4} =$

Dividing Negative Fractions (E) Answers

Name: _____

Date: _____

Calculate each answer.

$$1. -1\frac{1}{6} \div -3\frac{1}{6} = -\frac{7}{\cancel{6}^1} \times -\frac{\cancel{6}^1}{19} = \frac{7}{19}$$

$$2. -3\frac{1}{4} \div 1\frac{4}{5} = -\frac{13}{\cancel{4}^2} \times \frac{5}{9} = -\frac{65}{36} = -1\frac{29}{36}$$

$$3. -1\frac{2}{3} \div -3\frac{5}{6} = -\frac{5}{\cancel{3}^1} \times -\frac{\cancel{6}^2}{23} = \frac{10}{23}$$

$$4. -3\frac{1}{4} \div 3\frac{1}{2} = -\frac{13}{\cancel{4}^2} \times \frac{2^1}{7} = -\frac{13}{14}$$

$$5. 3\frac{1}{2} \div -2\frac{1}{6} = \frac{7}{\cancel{2}^1} \times -\frac{\cancel{6}^3}{13} = -\frac{21}{13} = -1\frac{8}{13}$$

$$6. 2\frac{4}{5} \div -1\frac{1}{4} = \frac{14}{5} \times -\frac{4}{5} = -\frac{56}{25} = -2\frac{6}{25}$$

$$7. 1\frac{1}{6} \div -1\frac{1}{2} = \frac{7}{\cancel{6}^3} \times -\frac{2^1}{3} = -\frac{7}{9}$$

$$8. -1\frac{1}{6} \div 3\frac{1}{6} = -\frac{7}{\cancel{6}^1} \times \frac{\cancel{6}^1}{19} = -\frac{7}{19}$$

$$9. -1\frac{3}{4} \div 1\frac{1}{2} = -\frac{7}{\cancel{4}^2} \times \frac{2^1}{3} = -\frac{7}{6} = -1\frac{1}{6}$$

$$10. -3\frac{3}{4} \div -1\frac{3}{4} = -\frac{15}{\cancel{4}^1} \times -\frac{\cancel{4}^1}{7} = \frac{15}{7} = 2\frac{1}{7}$$