

## Dividing Negative Fractions (A)

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

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

Calculate each answer.

1.  $2\frac{3}{4} \div -1\frac{5}{6} =$

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

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

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

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

6.  $3\frac{2}{5} \div -3\frac{1}{4} =$

7.  $3\frac{1}{2} \div -1\frac{1}{6} =$

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

9.  $-1\frac{5}{6} \div 3\frac{1}{4} =$

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

## Dividing Negative Fractions (A) Answers

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

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

Calculate each answer.

$$1. \quad 2\frac{3}{4} \div -1\frac{5}{6} = \frac{\cancel{11}^1}{\cancel{4}^2} \times -\frac{\cancel{6}^3}{\cancel{11}^1} = -\frac{3}{2} = -1\frac{1}{2}$$

$$2. \quad -3\frac{4}{5} \div 1\frac{1}{3} = -\frac{19}{5} \times \frac{3}{4} = -\frac{57}{20} = -2\frac{17}{20}$$

$$3. \quad -2\frac{1}{6} \div -2\frac{1}{3} = -\frac{\cancel{13}}{\cancel{6}^2} \times -\frac{\cancel{3}^1}{7} = \frac{13}{14}$$

$$4. \quad -1\frac{5}{6} \div -1\frac{1}{2} = -\frac{\cancel{11}}{\cancel{6}^3} \times -\frac{\cancel{2}^1}{3} = \frac{11}{9} = 1\frac{2}{9}$$

$$5. \quad 3\frac{3}{4} \div -3\frac{1}{2} = \frac{\cancel{15}}{\cancel{4}^2} \times -\frac{\cancel{2}^1}{7} = -\frac{15}{14} = -1\frac{1}{14}$$

$$6. \quad 3\frac{2}{5} \div -3\frac{1}{4} = \frac{17}{5} \times -\frac{4}{13} = -\frac{68}{65} = -1\frac{3}{65}$$

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

$$8. \quad -2\frac{1}{3} \div -1\frac{1}{2} = -\frac{7}{3} \times -\frac{2}{3} = \frac{14}{9} = 1\frac{5}{9}$$

$$9. \quad -1\frac{5}{6} \div 3\frac{1}{4} = -\frac{\cancel{11}}{\cancel{6}^3} \times \frac{\cancel{4}^2}{13} = -\frac{22}{39}$$

$$10. \quad -1\frac{2}{5} \div -1\frac{3}{5} = -\frac{\cancel{7}}{\cancel{5}^1} \times -\frac{\cancel{5}^1}{8} = \frac{7}{8}$$