

Dividing Negative Fractions (J)

Name: _____

Date: _____

Calculate each answer.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Fractions (J) Answers

Name: _____

Date: _____

Calculate each answer.

$$1. -\frac{1}{2} \div \frac{1}{6} = -\frac{1}{\cancel{2}_1} \times \frac{\cancel{6}^3}{1} = -\frac{3}{1} = -3$$

$$2. -\frac{1}{6} \div \frac{3}{4} = -\frac{1}{\cancel{6}_3} \times \frac{\cancel{4}^2}{3} = -\frac{2}{9}$$

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

$$4. -\frac{5}{6} \div -\frac{1}{6} = -\frac{5}{\cancel{6}_1} \times -\frac{\cancel{6}^1}{1} = \frac{5}{1} = 5$$

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

$$6. \frac{3}{4} \div -\frac{5}{6} = \frac{3}{\cancel{4}_2} \times -\frac{\cancel{6}^3}{5} = -\frac{9}{10}$$

$$7. -\frac{1}{2} \div -\frac{1}{2} = -\frac{1}{\cancel{2}_1} \times -\frac{\cancel{2}^1}{1} = \frac{1}{1} = 1$$

$$8. \frac{3}{4} \div -\frac{1}{2} = \frac{3}{\cancel{4}_2} \times -\frac{\cancel{2}^1}{1} = -\frac{3}{2} = -1\frac{1}{2}$$

$$9. \frac{1}{2} \div -\frac{1}{2} = \frac{1}{\cancel{2}_1} \times -\frac{\cancel{2}^1}{1} = -\frac{1}{1} = -1$$

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