

Dividing Negative Fractions (H)

Name: _____

Date: _____

Calculate each answer.

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

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

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

4. $\frac{1}{2} \div -\frac{10}{11} =$

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

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

7. $-\frac{11}{12} \div -\frac{1}{2} =$

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

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

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

Dividing Negative Fractions (H) Answers

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Date: _____

Calculate each answer.

$$1. -\frac{2}{3} \div -\frac{1}{8} = -\frac{2}{3} \times -\frac{8}{1} = \frac{16}{3} = 5\frac{1}{3}$$

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

$$3. -\frac{5}{7} \div -\frac{2}{5} = -\frac{5}{7} \times -\frac{5}{2} = \frac{25}{14} = 1\frac{11}{14}$$

$$4. \frac{1}{2} \div -\frac{10}{11} = \frac{1}{2} \times -\frac{11}{10} = -\frac{11}{20}$$

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

$$6. -\frac{2}{5} \div \frac{3}{4} = -\frac{2}{5} \times \frac{4}{3} = -\frac{8}{15}$$

$$7. -\frac{11}{12} \div -\frac{1}{2} = -\frac{11}{\cancel{12}^6} \times -\frac{2^1}{1} = \frac{11}{6} = 1\frac{5}{6}$$

$$8. -\frac{1}{3} \div -\frac{6}{11} = -\frac{1}{3} \times -\frac{11}{6} = \frac{11}{18}$$

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

$$10. -\frac{1}{6} \div \frac{8}{9} = -\frac{1}{\cancel{6}^2} \times \frac{9^3}{8} = -\frac{3}{16}$$