

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\frac{1}{2} \div 3\frac{7}{8} =$

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

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

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

7. $\frac{1}{8} \div 3\frac{1}{8} =$

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

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

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

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \frac{1}{8} \div 2\frac{3}{4} = \frac{1}{8} \div \frac{11}{4} = \frac{1}{8} \times \frac{4}{11} = \frac{4}{88} = \frac{1}{22}$$

$$2. \frac{1}{2} \div 1\frac{1}{6} = \frac{1}{2} \div \frac{7}{6} = \frac{1}{2} \times \frac{6}{7} = \frac{6}{14} = \frac{3}{7}$$

$$3. \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

$$4. \frac{2}{3} \div 3\frac{1}{3} = \frac{2}{3} \div \frac{10}{3} = \frac{2}{3} \times \frac{3}{10} = \frac{6}{30} = \frac{1}{5}$$

$$5. \frac{1}{4} \div 2\frac{5}{6} = \frac{1}{4} \div \frac{17}{6} = \frac{1}{4} \times \frac{6}{17} = \frac{6}{68} = \frac{3}{34}$$

$$6. \frac{1}{3} \div 3\frac{2}{3} = \frac{1}{3} \div \frac{11}{3} = \frac{1}{3} \times \frac{3}{11} = \frac{3}{33} = \frac{1}{11}$$

$$7. \frac{1}{8} \div 3\frac{1}{8} = \frac{1}{8} \div \frac{25}{8} = \frac{1}{8} \times \frac{8}{25} = \frac{8}{200} = \frac{1}{25}$$

$$8. 1\frac{1}{5} \div \frac{2}{3} = \frac{6}{5} \div \frac{2}{3} = \frac{6}{5} \times \frac{3}{2} = \frac{18}{10} = \frac{9}{5} = 1\frac{4}{5}$$

$$9. \frac{2}{3} \div 1\frac{2}{3} = \frac{2}{3} \div \frac{5}{3} = \frac{2}{3} \times \frac{3}{5} = \frac{6}{15} = \frac{2}{5}$$

$$10. \frac{1}{2} \div 3\frac{1}{4} = \frac{1}{2} \div \frac{13}{4} = \frac{1}{2} \times \frac{4}{13} = \frac{4}{26} = \frac{2}{13}$$