

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $1\frac{1}{5} \div 9 =$

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

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

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

6. $6 \div 1\frac{7}{9} =$

7. $6 \div 3\frac{3}{4} =$

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

9. $7 \div 3\frac{1}{2} =$

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

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \quad 2\frac{1}{4} \div 9 = \frac{9}{4} \div \frac{9}{1} = \frac{9}{4} \times \frac{1}{9} = \frac{9}{36} = \frac{1}{4}$$

$$2. \quad 1\frac{1}{5} \div 9 = \frac{6}{5} \div \frac{9}{1} = \frac{6}{5} \times \frac{1}{9} = \frac{6}{45} = \frac{2}{15}$$

$$3. \quad 3\frac{1}{3} \div 4 = \frac{10}{3} \div \frac{4}{1} = \frac{10}{3} \times \frac{1}{4} = \frac{10}{12} = \frac{5}{6}$$

$$4. \quad 3\frac{3}{5} \div 4 = \frac{18}{5} \div \frac{4}{1} = \frac{18}{5} \times \frac{1}{4} = \frac{18}{20} = \frac{9}{10}$$

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

$$6. \quad 6 \div 1\frac{7}{9} = \frac{6}{1} \div \frac{16}{9} = \frac{6}{1} \times \frac{9}{16} = \frac{54}{16} = \frac{27}{8} = 3\frac{3}{8}$$

$$7. \quad 6 \div 3\frac{3}{4} = \frac{6}{1} \div \frac{15}{4} = \frac{6}{1} \times \frac{4}{15} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

$$8. \quad 5 \div 3\frac{1}{3} = \frac{5}{1} \div \frac{10}{3} = \frac{5}{1} \times \frac{3}{10} = \frac{15}{10} = \frac{3}{2} = 1\frac{1}{2}$$

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

$$10. \quad 3 \div 2\frac{2}{5} = \frac{3}{1} \div \frac{12}{5} = \frac{3}{1} \times \frac{5}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$