

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $5 \div 1\frac{4}{9} =$

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

4. $2\frac{6}{7} \div 6 =$

5. $9 \div 1\frac{2}{7} =$

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

7. $2\frac{3}{4} \div 3 =$

8. $4 \div 2\frac{7}{8} =$

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

10. $5 \div 2\frac{1}{4} =$

Dividing Fractions (B) Answers

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Calculate each quotient.

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

$$2. \quad 5 \div 1\frac{4}{9} = \frac{5}{1} \div \frac{13}{9} = \frac{5}{1} \times \frac{9}{13} = \frac{45}{13} = 3\frac{6}{13}$$

$$3. \quad 8 \div 1\frac{1}{6} = \frac{8}{1} \div \frac{7}{6} = \frac{8}{1} \times \frac{6}{7} = \frac{48}{7} = 6\frac{6}{7}$$

$$4. \quad 2\frac{6}{7} \div 6 = \frac{20}{7} \div \frac{6}{1} = \frac{20}{7} \times \frac{1}{6} = \frac{20}{42} = \frac{10}{21}$$

$$5. \quad 9 \div 1\frac{2}{7} = \frac{9}{1} \div \frac{9}{7} = \frac{9}{1} \times \frac{7}{9} = \frac{63}{9} = 7$$

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

$$7. \quad 2\frac{3}{4} \div 3 = \frac{11}{4} \div \frac{3}{1} = \frac{11}{4} \times \frac{1}{3} = \frac{11}{12}$$

$$8. \quad 4 \div 2\frac{7}{8} = \frac{4}{1} \div \frac{23}{8} = \frac{4}{1} \times \frac{8}{23} = \frac{32}{23} = 1\frac{9}{23}$$

$$9. \quad 1\frac{1}{4} \div 2 = \frac{5}{4} \div \frac{2}{1} = \frac{5}{4} \times \frac{1}{2} = \frac{5}{8}$$

$$10. \quad 5 \div 2\frac{1}{4} = \frac{5}{1} \div \frac{9}{4} = \frac{5}{1} \times \frac{4}{9} = \frac{20}{9} = 2\frac{2}{9}$$