

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $5 \div 2\frac{7}{8} =$

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

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

4. $2\frac{1}{4} \div 7 =$

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

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

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

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

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

10. $2\frac{5}{6} \div 8 =$

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad 5 \div 2\frac{7}{8} = \frac{5}{1} \div \frac{23}{8} = \frac{5}{1} \times \frac{8}{23} = \frac{40}{23} = 1\frac{17}{23}$$

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

$$3. \quad 4 \div 1\frac{4}{5} = \frac{4}{1} \div \frac{9}{5} = \frac{4}{1} \times \frac{5}{9} = \frac{20}{9} = 2\frac{2}{9}$$

$$4. \quad 2\frac{1}{4} \div 7 = \frac{9}{4} \div \frac{7}{1} = \frac{9}{4} \times \frac{1}{7} = \frac{9}{28}$$

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

$$6. \quad 3\frac{5}{6} \div 2 = \frac{23}{6} \div \frac{2}{1} = \frac{23}{6} \times \frac{1}{2} = \frac{23}{12} = 1\frac{11}{12}$$

$$7. \quad 3\frac{1}{3} \div 6 = \frac{10}{3} \div \frac{6}{1} = \frac{10}{3} \times \frac{1}{6} = \frac{10}{18} = \frac{5}{9}$$

$$8. \quad 8 \div 1\frac{5}{8} = \frac{8}{1} \div \frac{13}{8} = \frac{8}{1} \times \frac{8}{13} = \frac{64}{13} = 4\frac{12}{13}$$

$$9. \quad 3 \div 1\frac{1}{3} = \frac{3}{1} \div \frac{4}{3} = \frac{3}{1} \times \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$$

$$10. \quad 2\frac{5}{6} \div 8 = \frac{17}{6} \div \frac{8}{1} = \frac{17}{6} \times \frac{1}{8} = \frac{17}{48}$$