

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

4. $1\frac{1}{7} \div 3\frac{3}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $3\frac{5}{8} \div 1\frac{2}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $1\frac{1}{9} \div 2\frac{1}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $1\frac{3}{8} \div 2\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

Dividing Fractions (B) Answers

Name: _____

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Score: _____

Calculate each quotient.

$$1. \quad 2\frac{5}{8} \div 1\frac{1}{2} = \frac{21}{8} \div \frac{3}{2} = \frac{21}{8} \times \frac{2}{3} = \frac{42}{24} = \frac{7}{4} = 1\frac{3}{4}$$

$$2. \quad 1\frac{1}{3} \div 3\frac{1}{3} = \frac{4}{3} \div \frac{10}{3} = \frac{4}{3} \times \frac{3}{10} = \frac{12}{30} = \frac{2}{5}$$

$$3. \quad 2\frac{1}{3} \div 3\frac{1}{4} = \frac{7}{3} \div \frac{13}{4} = \frac{7}{3} \times \frac{4}{13} = \frac{28}{39}$$

$$4. \quad 1\frac{1}{7} \div 3\frac{3}{7} = \frac{8}{7} \div \frac{24}{7} = \frac{8}{7} \times \frac{7}{24} = \frac{56}{168} = \frac{1}{3}$$

$$5. \quad 3\frac{5}{8} \div 1\frac{2}{7} = \frac{29}{8} \div \frac{9}{7} = \frac{29}{8} \times \frac{7}{9} = \frac{203}{72} = 2\frac{59}{72}$$

$$6. \quad 1\frac{1}{9} \div 2\frac{1}{7} = \frac{10}{9} \div \frac{15}{7} = \frac{10}{9} \times \frac{7}{15} = \frac{70}{135} = \frac{14}{27}$$

$$7. \quad 1\frac{3}{8} \div 2\frac{4}{5} = \frac{11}{8} \div \frac{14}{5} = \frac{11}{8} \times \frac{5}{14} = \frac{55}{112}$$

$$8. \quad 5\frac{2}{5} \div 4\frac{1}{4} = \frac{27}{5} \div \frac{17}{4} = \frac{27}{5} \times \frac{4}{17} = \frac{108}{85} = 1\frac{23}{85}$$

$$9. \quad 3\frac{1}{6} \div 1\frac{2}{5} = \frac{19}{6} \div \frac{7}{5} = \frac{19}{6} \times \frac{5}{7} = \frac{95}{42} = 2\frac{11}{42}$$

$$10. \quad 3\frac{1}{2} \div 4\frac{5}{6} = \frac{7}{2} \div \frac{29}{6} = \frac{7}{2} \times \frac{6}{29} = \frac{42}{58} = \frac{21}{29}$$