

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $\frac{2}{7} \div 1\frac{4}{5} =$

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

7. $\frac{1}{4} \div 2\frac{3}{7} =$

8. $\frac{7}{8} \div 2\frac{7}{9} =$

9. $\frac{6}{7} \div 2\frac{3}{4} =$

10. $\frac{2}{3} \div 1\frac{5}{7} =$

Dividing Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. \frac{2}{3} \div 1\frac{4}{9} = \frac{2}{3} \div \frac{13}{9} = \frac{2}{3} \times \frac{9}{13} = \frac{18}{39} = \frac{6}{13}$$

$$3. \frac{5}{8} \div 2\frac{1}{5} = \frac{5}{8} \div \frac{11}{5} = \frac{5}{8} \times \frac{5}{11} = \frac{25}{88}$$

$$4. \frac{2}{5} \div 1\frac{1}{4} = \frac{2}{5} \div \frac{5}{4} = \frac{2}{5} \times \frac{4}{5} = \frac{8}{25}$$

$$5. \frac{2}{7} \div 1\frac{4}{5} = \frac{2}{7} \div \frac{9}{5} = \frac{2}{7} \times \frac{5}{9} = \frac{10}{63}$$

$$6. \frac{1}{2} \div 3\frac{3}{4} = \frac{1}{2} \div \frac{15}{4} = \frac{1}{2} \times \frac{4}{15} = \frac{4}{30} = \frac{2}{15}$$

$$7. \frac{1}{4} \div 2\frac{3}{7} = \frac{1}{4} \div \frac{17}{7} = \frac{1}{4} \times \frac{7}{17} = \frac{7}{68}$$

$$8. \frac{7}{8} \div 2\frac{7}{9} = \frac{7}{8} \div \frac{25}{9} = \frac{7}{8} \times \frac{9}{25} = \frac{63}{200}$$

$$9. \frac{6}{7} \div 2\frac{3}{4} = \frac{6}{7} \div \frac{11}{4} = \frac{6}{7} \times \frac{4}{11} = \frac{24}{77}$$

$$10. \frac{2}{3} \div 1\frac{5}{7} = \frac{2}{3} \div \frac{12}{7} = \frac{2}{3} \times \frac{7}{12} = \frac{14}{36} = \frac{7}{18}$$