

Dividing Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{1}{2} \div 3\frac{7}{8} =$

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

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

5. $1\frac{1}{2} \div \frac{5}{6} =$

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

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

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

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

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

Dividing Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \frac{3}{8} \div 1\frac{1}{2} = \frac{3}{8} \div \frac{3}{2} = \frac{3}{8} \times \frac{2}{3} = \frac{6}{24} = \frac{1}{4}$$

$$2. \quad \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

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

$$4. \quad \frac{1}{4} \div 3\frac{1}{4} = \frac{1}{4} \div \frac{13}{4} = \frac{1}{4} \times \frac{4}{13} = \frac{4}{52} = \frac{1}{13}$$

$$5. \quad 1\frac{1}{2} \div \frac{5}{6} = \frac{3}{2} \div \frac{5}{6} = \frac{3}{2} \times \frac{6}{5} = \frac{18}{10} = \frac{9}{5} = 1\frac{4}{5}$$

$$6. \quad \frac{3}{4} \div 3\frac{1}{4} = \frac{3}{4} \div \frac{13}{4} = \frac{3}{4} \times \frac{4}{13} = \frac{12}{52} = \frac{3}{13}$$

$$7. \quad \frac{1}{3} \div 1\frac{2}{9} = \frac{1}{3} \div \frac{11}{9} = \frac{1}{3} \times \frac{9}{11} = \frac{9}{33} = \frac{3}{11}$$

$$8. \quad \frac{3}{4} \div 2\frac{4}{7} = \frac{3}{4} \div \frac{18}{7} = \frac{3}{4} \times \frac{7}{18} = \frac{21}{72} = \frac{7}{24}$$

$$9. \quad 1\frac{1}{3} \div \frac{7}{9} = \frac{4}{3} \div \frac{7}{9} = \frac{4}{3} \times \frac{9}{7} = \frac{36}{21} = \frac{12}{7} = 1\frac{5}{7}$$

$$10. \quad \frac{4}{5} \div 3\frac{1}{3} = \frac{4}{5} \div \frac{10}{3} = \frac{4}{5} \times \frac{3}{10} = \frac{12}{50} = \frac{6}{25}$$

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\frac{1}{2} \div 3\frac{7}{8} =$

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

5. $\frac{1}{4} \div 2\frac{5}{6} =$

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

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

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

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

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

Dividing Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{1}{8} \div 2\frac{3}{4} = \frac{1}{8} \div \frac{11}{4} = \frac{1}{8} \times \frac{4}{11} = \frac{4}{88} = \frac{1}{22}$$

$$2. \frac{1}{2} \div 1\frac{1}{6} = \frac{1}{2} \div \frac{7}{6} = \frac{1}{2} \times \frac{6}{7} = \frac{6}{14} = \frac{3}{7}$$

$$3. \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

$$4. \frac{2}{3} \div 3\frac{1}{3} = \frac{2}{3} \div \frac{10}{3} = \frac{2}{3} \times \frac{3}{10} = \frac{6}{30} = \frac{1}{5}$$

$$5. \frac{1}{4} \div 2\frac{5}{6} = \frac{1}{4} \div \frac{17}{6} = \frac{1}{4} \times \frac{6}{17} = \frac{6}{68} = \frac{3}{34}$$

$$6. \frac{1}{3} \div 3\frac{2}{3} = \frac{1}{3} \div \frac{11}{3} = \frac{1}{3} \times \frac{3}{11} = \frac{3}{33} = \frac{1}{11}$$

$$7. \frac{1}{8} \div 3\frac{1}{8} = \frac{1}{8} \div \frac{25}{8} = \frac{1}{8} \times \frac{8}{25} = \frac{8}{200} = \frac{1}{25}$$

$$8. 1\frac{1}{5} \div \frac{2}{3} = \frac{6}{5} \div \frac{2}{3} = \frac{6}{5} \times \frac{3}{2} = \frac{18}{10} = \frac{9}{5} = 1\frac{4}{5}$$

$$9. \frac{2}{3} \div 1\frac{2}{3} = \frac{2}{3} \div \frac{5}{3} = \frac{2}{3} \times \frac{3}{5} = \frac{6}{15} = \frac{2}{5}$$

$$10. \frac{1}{2} \div 3\frac{1}{4} = \frac{1}{2} \div \frac{13}{4} = \frac{1}{2} \times \frac{4}{13} = \frac{4}{26} = \frac{2}{13}$$

Dividing Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $1\frac{1}{3} \div \frac{4}{5} =$

3. $\frac{3}{4} \div 1\frac{5}{8} =$

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

5. $\frac{2}{3} \div 1\frac{8}{9} =$

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

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

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

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

10. $\frac{6}{7} \div 3\frac{1}{9} =$

Dividing Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. 1\frac{1}{3} \div \frac{4}{5} = \frac{4}{3} \div \frac{4}{5} = \frac{4}{3} \times \frac{5}{4} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$3. \frac{3}{4} \div 1\frac{5}{8} = \frac{3}{4} \div \frac{13}{8} = \frac{3}{4} \times \frac{8}{13} = \frac{24}{52} = \frac{6}{13}$$

$$4. \frac{6}{7} \div 3\frac{1}{7} = \frac{6}{7} \div \frac{22}{7} = \frac{6}{7} \times \frac{7}{22} = \frac{42}{154} = \frac{3}{11}$$

$$5. \frac{2}{3} \div 1\frac{8}{9} = \frac{2}{3} \div \frac{17}{9} = \frac{2}{3} \times \frac{9}{17} = \frac{18}{51} = \frac{6}{17}$$

$$6. \frac{3}{4} \div 1\frac{2}{7} = \frac{3}{4} \div \frac{9}{7} = \frac{3}{4} \times \frac{7}{9} = \frac{21}{36} = \frac{7}{12}$$

$$7. \frac{2}{3} \div 3\frac{3}{5} = \frac{2}{3} \div \frac{18}{5} = \frac{2}{3} \times \frac{5}{18} = \frac{10}{54} = \frac{5}{27}$$

$$8. \frac{2}{3} \div 2\frac{6}{7} = \frac{2}{3} \div \frac{20}{7} = \frac{2}{3} \times \frac{7}{20} = \frac{14}{60} = \frac{7}{30}$$

$$9. \frac{2}{3} \div 2\frac{1}{3} = \frac{2}{3} \div \frac{7}{3} = \frac{2}{3} \times \frac{3}{7} = \frac{6}{21} = \frac{2}{7}$$

$$10. \frac{6}{7} \div 3\frac{1}{9} = \frac{6}{7} \div \frac{28}{9} = \frac{6}{7} \times \frac{9}{28} = \frac{54}{196} = \frac{27}{98}$$

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\frac{2}{5} \div 3\frac{1}{9} =$

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

5. $1\frac{4}{7} \div \frac{6}{7} =$

6. $\frac{4}{5} \div 2\frac{2}{3} =$

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

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

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

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

Dividing Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. \quad \frac{1}{4} \div 3\frac{5}{6} = \frac{1}{4} \div \frac{23}{6} = \frac{1}{4} \times \frac{6}{23} = \frac{6}{92} = \frac{3}{46}$$

$$3. \quad \frac{2}{5} \div 3\frac{1}{9} = \frac{2}{5} \div \frac{28}{9} = \frac{2}{5} \times \frac{9}{28} = \frac{18}{140} = \frac{9}{70}$$

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

$$5. \quad 1\frac{4}{7} \div \frac{6}{7} = \frac{11}{7} \div \frac{6}{7} = \frac{11}{7} \times \frac{7}{6} = \frac{77}{42} = \frac{11}{6} = 1\frac{5}{6}$$

$$6. \quad \frac{4}{5} \div 2\frac{2}{3} = \frac{4}{5} \div \frac{8}{3} = \frac{4}{5} \times \frac{3}{8} = \frac{12}{40} = \frac{3}{10}$$

$$7. \quad \frac{5}{8} \div 1\frac{3}{8} = \frac{5}{8} \div \frac{11}{8} = \frac{5}{8} \times \frac{8}{11} = \frac{40}{88} = \frac{5}{11}$$

$$8. \quad \frac{3}{5} \div 3\frac{4}{5} = \frac{3}{5} \div \frac{19}{5} = \frac{3}{5} \times \frac{5}{19} = \frac{15}{95} = \frac{3}{19}$$

$$9. \quad \frac{5}{7} \div 1\frac{2}{3} = \frac{5}{7} \div \frac{5}{3} = \frac{5}{7} \times \frac{3}{5} = \frac{15}{35} = \frac{3}{7}$$

$$10. \quad \frac{1}{6} \div 1\frac{1}{8} = \frac{1}{6} \div \frac{9}{8} = \frac{1}{6} \times \frac{8}{9} = \frac{8}{54} = \frac{4}{27}$$

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\frac{1}{9} \div 3\frac{5}{9} =$

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

5. $\frac{5}{6} \div 3\frac{3}{4} =$

6. $\frac{5}{6} \div 3\frac{1}{3} =$

7. $\frac{1}{3} \div 2\frac{8}{9} =$

8. $\frac{5}{8} \div 1\frac{5}{6} =$

9. $\frac{3}{4} \div 2\frac{5}{6} =$

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

Dividing Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$3. \frac{1}{9} \div 3\frac{5}{9} = \frac{1}{9} \div \frac{32}{9} = \frac{1}{9} \times \frac{9}{32} = \frac{9}{288} = \frac{1}{32}$$

$$4. \frac{5}{6} \div 1\frac{2}{3} = \frac{5}{6} \div \frac{5}{3} = \frac{5}{6} \times \frac{3}{5} = \frac{15}{30} = \frac{1}{2}$$

$$5. \frac{5}{6} \div 3\frac{3}{4} = \frac{5}{6} \div \frac{15}{4} = \frac{5}{6} \times \frac{4}{15} = \frac{20}{90} = \frac{2}{9}$$

$$6. \frac{5}{6} \div 3\frac{1}{3} = \frac{5}{6} \div \frac{10}{3} = \frac{5}{6} \times \frac{3}{10} = \frac{15}{60} = \frac{1}{4}$$

$$7. \frac{1}{3} \div 2\frac{8}{9} = \frac{1}{3} \div \frac{26}{9} = \frac{1}{3} \times \frac{9}{26} = \frac{9}{78} = \frac{3}{26}$$

$$8. \frac{5}{8} \div 1\frac{5}{6} = \frac{5}{8} \div \frac{11}{6} = \frac{5}{8} \times \frac{6}{11} = \frac{30}{88} = \frac{15}{44}$$

$$9. \frac{3}{4} \div 2\frac{5}{6} = \frac{3}{4} \div \frac{17}{6} = \frac{3}{4} \times \frac{6}{17} = \frac{18}{68} = \frac{9}{34}$$

$$10. \frac{4}{7} \div 2\frac{2}{3} = \frac{4}{7} \div \frac{8}{3} = \frac{4}{7} \times \frac{3}{8} = \frac{12}{56} = \frac{3}{14}$$

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{5}{6} \div 2\frac{8}{9} =$

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

3. $\frac{6}{7} \div 1\frac{1}{2} =$

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

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

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

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

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

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

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

Dividing Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{5}{6} \div 2\frac{8}{9} = \frac{5}{6} \div \frac{26}{9} = \frac{5}{6} \times \frac{9}{26} = \frac{45}{156} = \frac{15}{52}$$

$$2. \frac{2}{7} \div 3\frac{1}{3} = \frac{2}{7} \div \frac{10}{3} = \frac{2}{7} \times \frac{3}{10} = \frac{6}{70} = \frac{3}{35}$$

$$3. \frac{6}{7} \div 1\frac{1}{2} = \frac{6}{7} \div \frac{3}{2} = \frac{6}{7} \times \frac{2}{3} = \frac{12}{21} = \frac{4}{7}$$

$$4. 1\frac{3}{8} \div \frac{3}{4} = \frac{11}{8} \div \frac{3}{4} = \frac{11}{8} \times \frac{4}{3} = \frac{44}{24} = \frac{11}{6} = 1\frac{5}{6}$$

$$5. \frac{1}{4} \div 1\frac{1}{4} = \frac{1}{4} \div \frac{5}{4} = \frac{1}{4} \times \frac{4}{5} = \frac{4}{20} = \frac{1}{5}$$

$$6. \frac{3}{5} \div 1\frac{1}{2} = \frac{3}{5} \div \frac{3}{2} = \frac{3}{5} \times \frac{2}{3} = \frac{6}{15} = \frac{2}{5}$$

$$7. \frac{1}{3} \div 2\frac{4}{9} = \frac{1}{3} \div \frac{22}{9} = \frac{1}{3} \times \frac{9}{22} = \frac{9}{66} = \frac{3}{22}$$

$$8. \frac{1}{3} \div 2\frac{2}{3} = \frac{1}{3} \div \frac{8}{3} = \frac{1}{3} \times \frac{3}{8} = \frac{3}{24} = \frac{1}{8}$$

$$9. \frac{1}{7} \div 2\frac{6}{7} = \frac{1}{7} \div \frac{20}{7} = \frac{1}{7} \times \frac{7}{20} = \frac{7}{140} = \frac{1}{20}$$

$$10. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$

Dividing Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{3}{4} \div 2\frac{7}{8} =$

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

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

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

6. $\frac{5}{6} \div 1\frac{1}{9} =$

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

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

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

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

Dividing Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{2}{3} \div 2\frac{1}{6} = \frac{2}{3} \div \frac{13}{6} = \frac{2}{3} \times \frac{6}{13} = \frac{12}{39} = \frac{4}{13}$$

$$2. \frac{3}{4} \div 2\frac{7}{8} = \frac{3}{4} \div \frac{23}{8} = \frac{3}{4} \times \frac{8}{23} = \frac{24}{92} = \frac{6}{23}$$

$$3. \frac{1}{6} \div 3\frac{2}{3} = \frac{1}{6} \div \frac{11}{3} = \frac{1}{6} \times \frac{3}{11} = \frac{3}{66} = \frac{1}{22}$$

$$4. \frac{2}{7} \div 2\frac{2}{3} = \frac{2}{7} \div \frac{8}{3} = \frac{2}{7} \times \frac{3}{8} = \frac{6}{56} = \frac{3}{28}$$

$$5. \frac{2}{3} \div 2\frac{2}{7} = \frac{2}{3} \div \frac{16}{7} = \frac{2}{3} \times \frac{7}{16} = \frac{14}{48} = \frac{7}{24}$$

$$6. \frac{5}{6} \div 1\frac{1}{9} = \frac{5}{6} \div \frac{10}{9} = \frac{5}{6} \times \frac{9}{10} = \frac{45}{60} = \frac{3}{4}$$

$$7. \frac{1}{2} \div 1\frac{1}{2} = \frac{1}{2} \div \frac{3}{2} = \frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$8. \frac{1}{3} \div 3\frac{2}{3} = \frac{1}{3} \div \frac{11}{3} = \frac{1}{3} \times \frac{3}{11} = \frac{3}{33} = \frac{1}{11}$$

$$9. \frac{2}{3} \div 3\frac{2}{3} = \frac{2}{3} \div \frac{11}{3} = \frac{2}{3} \times \frac{3}{11} = \frac{6}{33} = \frac{2}{11}$$

$$10. \frac{1}{4} \div 3\frac{1}{4} = \frac{1}{4} \div \frac{13}{4} = \frac{1}{4} \times \frac{4}{13} = \frac{4}{52} = \frac{1}{13}$$

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

8. $\frac{4}{7} \div 3\frac{1}{5} =$

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

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

Dividing Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{4}{7} \div 1\frac{1}{7} = \frac{4}{7} \div \frac{8}{7} = \frac{4}{7} \times \frac{7}{8} = \frac{28}{56} = \frac{1}{2}$$

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

$$3. \frac{2}{3} \div 1\frac{3}{5} = \frac{2}{3} \div \frac{8}{5} = \frac{2}{3} \times \frac{5}{8} = \frac{10}{24} = \frac{5}{12}$$

$$4. \frac{2}{3} \div 2\frac{2}{3} = \frac{2}{3} \div \frac{8}{3} = \frac{2}{3} \times \frac{3}{8} = \frac{6}{24} = \frac{1}{4}$$

$$5. \frac{1}{4} \div 2\frac{1}{6} = \frac{1}{4} \div \frac{13}{6} = \frac{1}{4} \times \frac{6}{13} = \frac{6}{52} = \frac{3}{26}$$

$$6. \frac{2}{3} \div 3\frac{1}{3} = \frac{2}{3} \div \frac{10}{3} = \frac{2}{3} \times \frac{3}{10} = \frac{6}{30} = \frac{1}{5}$$

$$7. \frac{2}{9} \div 1\frac{3}{7} = \frac{2}{9} \div \frac{10}{7} = \frac{2}{9} \times \frac{7}{10} = \frac{14}{90} = \frac{7}{45}$$

$$8. \frac{4}{7} \div 3\frac{1}{5} = \frac{4}{7} \div \frac{16}{5} = \frac{4}{7} \times \frac{5}{16} = \frac{20}{112} = \frac{5}{28}$$

$$9. \frac{2}{3} \div 2\frac{2}{9} = \frac{2}{3} \div \frac{20}{9} = \frac{2}{3} \times \frac{9}{20} = \frac{18}{60} = \frac{3}{10}$$

$$10. \frac{4}{5} \div 3\frac{1}{5} = \frac{4}{5} \div \frac{16}{5} = \frac{4}{5} \times \frac{5}{16} = \frac{20}{80} = \frac{1}{4}$$

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{1}{2} \div 3\frac{7}{8} =$

2. $\frac{1}{2} \div 3\frac{5}{6} =$

3. $\frac{5}{6} \div 3\frac{1}{4} =$

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

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

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

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

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

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

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

Dividing Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

$$2. \quad \frac{1}{2} \div 3\frac{5}{6} = \frac{1}{2} \div \frac{23}{6} = \frac{1}{2} \times \frac{6}{23} = \frac{6}{46} = \frac{3}{23}$$

$$3. \quad \frac{5}{6} \div 3\frac{1}{4} = \frac{5}{6} \div \frac{13}{4} = \frac{5}{6} \times \frac{4}{13} = \frac{20}{78} = \frac{10}{39}$$

$$4. \quad \frac{3}{4} \div 3\frac{3}{5} = \frac{3}{4} \div \frac{18}{5} = \frac{3}{4} \times \frac{5}{18} = \frac{15}{72} = \frac{5}{24}$$

$$5. \quad \frac{3}{4} \div 3\frac{1}{2} = \frac{3}{4} \div \frac{7}{2} = \frac{3}{4} \times \frac{2}{7} = \frac{6}{28} = \frac{3}{14}$$

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

$$7. \quad \frac{1}{2} \div 3\frac{1}{6} = \frac{1}{2} \div \frac{19}{6} = \frac{1}{2} \times \frac{6}{19} = \frac{6}{38} = \frac{3}{19}$$

$$8. \quad \frac{1}{3} \div 3\frac{2}{9} = \frac{1}{3} \div \frac{29}{9} = \frac{1}{3} \times \frac{9}{29} = \frac{9}{87} = \frac{3}{29}$$

$$9. \quad \frac{5}{8} \div 3\frac{1}{2} = \frac{5}{8} \div \frac{7}{2} = \frac{5}{8} \times \frac{2}{7} = \frac{10}{56} = \frac{5}{28}$$

$$10. \quad \frac{2}{3} \div 3\frac{3}{5} = \frac{2}{3} \div \frac{18}{5} = \frac{2}{3} \times \frac{5}{18} = \frac{10}{54} = \frac{5}{27}$$

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $1\frac{1}{4} \div \frac{5}{6} =$

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

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

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

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

8. $\frac{5}{8} \div 2\frac{1}{6} =$

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

10. $\frac{5}{9} \div 3\frac{3}{4} =$

Dividing Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

$$2. 1\frac{1}{6} \div \frac{2}{3} = \frac{7}{6} \div \frac{2}{3} = \frac{7}{6} \times \frac{3}{2} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$3. 1\frac{1}{4} \div \frac{5}{6} = \frac{5}{4} \div \frac{5}{6} = \frac{5}{4} \times \frac{6}{5} = \frac{30}{20} = \frac{3}{2} = 1\frac{1}{2}$$

$$4. \frac{3}{8} \div 2\frac{2}{5} = \frac{3}{8} \div \frac{12}{5} = \frac{3}{8} \times \frac{5}{12} = \frac{15}{96} = \frac{5}{32}$$

$$5. \frac{5}{7} \div 2\frac{1}{2} = \frac{5}{7} \div \frac{5}{2} = \frac{5}{7} \times \frac{2}{5} = \frac{10}{35} = \frac{2}{7}$$

$$6. \frac{3}{5} \div 1\frac{5}{7} = \frac{3}{5} \div \frac{12}{7} = \frac{3}{5} \times \frac{7}{12} = \frac{21}{60} = \frac{7}{20}$$

$$7. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$8. \frac{5}{8} \div 2\frac{1}{6} = \frac{5}{8} \div \frac{13}{6} = \frac{5}{8} \times \frac{6}{13} = \frac{30}{104} = \frac{15}{52}$$

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

$$10. \frac{5}{9} \div 3\frac{3}{4} = \frac{5}{9} \div \frac{15}{4} = \frac{5}{9} \times \frac{4}{15} = \frac{20}{135} = \frac{4}{27}$$