

Multiplying and Dividing Various Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{3}{7} \times \frac{3}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$
Convert ↑ Result Simplify Convert ↓

2. $\frac{10}{3} \div \frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

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

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

5. $\frac{15}{4} \div 1\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7. $2\frac{1}{6} \times \frac{15}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9. $3\frac{1}{2} \times 2\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

10. $\frac{5}{8} \times \frac{4}{7} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Various Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{7} \times \frac{3}{2} = \frac{24}{7} \times \frac{3}{2} = \frac{72}{14} = \frac{36}{7} = 5\frac{1}{7}$$

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

$$3. \quad 3\frac{1}{3} \div 2\frac{1}{2} = \frac{10}{3} \div \frac{5}{2} = \frac{10}{3} \times \frac{2}{5} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

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

$$5. \quad \frac{15}{4} \div 1\frac{4}{5} = \frac{15}{4} \div \frac{9}{5} = \frac{15}{4} \times \frac{5}{9} = \frac{75}{36} = \frac{25}{12} = 2\frac{1}{12}$$

$$6. \quad 3\frac{1}{6} \div \frac{13}{4} = \frac{19}{6} \div \frac{13}{4} = \frac{19}{6} \times \frac{4}{13} = \frac{76}{78} = \frac{38}{39}$$

$$7. \quad 2\frac{1}{6} \times \frac{15}{7} = \frac{13}{6} \times \frac{15}{7} = \frac{195}{42} = \frac{65}{14} = 4\frac{9}{14}$$

$$8. \quad 3\frac{1}{2} \times \frac{4}{3} = \frac{7}{2} \times \frac{4}{3} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$9. \quad 3\frac{1}{2} \times 2\frac{6}{7} = \frac{7}{2} \times \frac{20}{7} = \frac{140}{14} = 10$$

$$10. \quad \frac{5}{8} \times \frac{4}{7} = \frac{20}{56} = \frac{5}{14}$$

Multiplying and Dividing Various Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{13}{4} \div 3\frac{5}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

4. $1\frac{3}{8} \div \frac{11}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $\frac{4}{3} \times \frac{6}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7. $\frac{1}{4} \times 3\frac{5}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

10. $1\frac{3}{4} \times 1\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Various Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{5} \times \frac{7}{2} = \frac{18}{5} \times \frac{7}{2} = \frac{126}{10} = \frac{63}{5} = 12\frac{3}{5}$$

$$2. \quad \frac{13}{4} \div 3\frac{5}{7} = \frac{13}{4} \div \frac{26}{7} = \frac{13}{4} \times \frac{7}{26} = \frac{91}{104} = \frac{7}{8}$$

$$3. \quad \frac{7}{2} \div 2\frac{1}{4} = \frac{7}{2} \div \frac{9}{4} = \frac{7}{2} \times \frac{4}{9} = \frac{28}{18} = \frac{14}{9} = 1\frac{5}{9}$$

$$4. \quad 1\frac{3}{8} \div \frac{11}{6} = \frac{11}{8} \div \frac{11}{6} = \frac{11}{8} \times \frac{6}{11} = \frac{66}{88} = \frac{3}{4}$$

$$5. \quad \frac{4}{3} \times \frac{6}{5} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

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

$$7. \quad \frac{1}{4} \times 3\frac{5}{9} = \frac{1}{4} \times \frac{32}{9} = \frac{32}{36} = \frac{8}{9}$$

$$8. \quad 2\frac{3}{5} \times 2\frac{1}{2} = \frac{13}{5} \times \frac{5}{2} = \frac{65}{10} = \frac{13}{2} = 6\frac{1}{2}$$

$$9. \quad 1\frac{2}{5} \div 3\frac{2}{5} = \frac{7}{5} \div \frac{17}{5} = \frac{7}{5} \times \frac{5}{17} = \frac{35}{85} = \frac{7}{17}$$

$$10. \quad 1\frac{3}{4} \times 1\frac{6}{7} = \frac{7}{4} \times \frac{13}{7} = \frac{91}{28} = \frac{13}{4} = 3\frac{1}{4}$$

Multiplying and Dividing Various Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{4}{5} \times 1\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{1}{2} \times \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

3. $\frac{10}{9} \div \frac{19}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{8}{3} \times \frac{7}{2} = \text{---} = \text{---} = \text{---}$

5. $\frac{18}{5} \div \frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $\frac{7}{4} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $\frac{2}{3} \times 2\frac{4}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $\frac{3}{2} \times \frac{2}{3} = \text{---} = \text{---}$

9. $\frac{12}{5} \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{13}{4} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{5} \times 1\frac{2}{3} = \frac{4}{5} \times \frac{5}{3} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$2. \quad \frac{1}{2} \times \frac{12}{5} = \frac{1}{2} \times \frac{12}{5} = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$$

$$3. \quad \frac{10}{9} \div \frac{19}{6} = \frac{10}{9} \times \frac{6}{19} = \frac{60}{171} = \frac{20}{57}$$

$$4. \quad \frac{8}{3} \times \frac{7}{2} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

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

$$6. \quad \frac{7}{4} \div 1\frac{1}{2} = \frac{7}{4} \div \frac{3}{2} = \frac{7}{4} \times \frac{2}{3} = \frac{14}{12} = \frac{7}{6} = 1\frac{1}{6}$$

$$7. \quad \frac{2}{3} \times 2\frac{4}{7} = \frac{2}{3} \times \frac{18}{7} = \frac{36}{21} = \frac{12}{7} = 1\frac{5}{7}$$

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

$$9. \quad \frac{12}{5} \div 3\frac{2}{5} = \frac{12}{5} \div \frac{17}{5} = \frac{12}{5} \times \frac{5}{17} = \frac{60}{85} = \frac{12}{17}$$

$$10. \quad \frac{13}{4} \div \frac{5}{2} = \frac{13}{4} \times \frac{2}{5} = \frac{26}{20} = \frac{13}{10} = 1\frac{3}{10}$$

Multiplying and Dividing Various Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{2}{3} \times \frac{7}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{15}{4} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

3. $\frac{10}{7} \times \frac{5}{4} = \text{---} = \text{---} = \text{---}$

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

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

6. $\frac{13}{6} \div \frac{23}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{10}{3} \div \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $2\frac{4}{5} \times \frac{15}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\frac{19}{5} \times \frac{5}{2} = \text{---} = \text{---} = \text{---}$

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

Multiplying and Dividing Various Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{15}{4} \div \frac{3}{2} = \frac{15}{4} \times \frac{2}{3} = \frac{30}{12} = \frac{5}{2} = 2\frac{1}{2}$$

$$3. \quad \frac{10}{7} \times \frac{5}{4} = \frac{50}{28} = \frac{25}{14} = 1\frac{11}{14}$$

$$4. \quad 2\frac{2}{9} \div 3\frac{1}{3} = \frac{20}{9} \div \frac{10}{3} = \frac{20}{9} \times \frac{3}{10} = \frac{60}{90} = \frac{2}{3}$$

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

$$6. \quad \frac{13}{6} \div \frac{23}{6} = \frac{13}{6} \times \frac{6}{23} = \frac{78}{138} = \frac{13}{23}$$

$$7. \quad \frac{10}{3} \div \frac{12}{5} = \frac{10}{3} \times \frac{5}{12} = \frac{50}{36} = \frac{25}{18} = 1\frac{7}{18}$$

$$8. \quad 2\frac{4}{5} \times \frac{15}{7} = \frac{14}{5} \times \frac{15}{7} = \frac{210}{35} = 6$$

$$9. \quad \frac{19}{5} \times \frac{5}{2} = \frac{95}{10} = \frac{19}{2} = 9\frac{1}{2}$$

$$10. \quad \frac{1}{4} \times 2\frac{4}{5} = \frac{1}{4} \times \frac{14}{5} = \frac{14}{20} = \frac{7}{10}$$

Multiplying and Dividing Various Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{7}{5} \times 2\frac{7}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $1\frac{5}{6} \times \frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

3. $\frac{1}{3} \times \frac{6}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $3\frac{6}{7} \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $\frac{9}{4} \times 3\frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

8. $1\frac{5}{7} \div \frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---} = \text{---}$

9. $1\frac{1}{6} \div 2\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

Multiplying and Dividing Various Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{5} \times 2\frac{7}{9} = \frac{7}{5} \times \frac{25}{9} = \frac{175}{45} = \frac{35}{9} = 3\frac{8}{9}$$

$$2. \quad 1\frac{5}{6} \times \frac{3}{5} = \frac{11}{6} \times \frac{3}{5} = \frac{33}{30} = \frac{11}{10} = 1\frac{1}{10}$$

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

$$4. \quad 3\frac{6}{7} \times 3\frac{1}{3} = \frac{27}{7} \times \frac{10}{3} = \frac{270}{21} = \frac{90}{7} = 12\frac{6}{7}$$

$$5. \quad \frac{9}{4} \times 3\frac{5}{7} = \frac{9}{4} \times \frac{26}{7} = \frac{234}{28} = \frac{117}{14} = 8\frac{5}{14}$$

$$6. \quad \frac{5}{2} \div 3\frac{1}{6} = \frac{5}{2} \div \frac{19}{6} = \frac{5}{2} \times \frac{6}{19} = \frac{30}{38} = \frac{15}{19}$$

$$7. \quad \frac{1}{3} \div 3\frac{5}{6} = \frac{1}{3} \div \frac{23}{6} = \frac{1}{3} \times \frac{6}{23} = \frac{6}{69} = \frac{2}{23}$$

$$8. \quad 1\frac{5}{7} \div \frac{4}{5} = \frac{12}{7} \div \frac{4}{5} = \frac{12}{7} \times \frac{5}{4} = \frac{60}{28} = \frac{15}{7} = 2\frac{1}{7}$$

$$9. \quad 1\frac{1}{6} \div 2\frac{3}{8} = \frac{7}{6} \div \frac{19}{8} = \frac{7}{6} \times \frac{8}{19} = \frac{56}{114} = \frac{28}{57}$$

$$10. \quad 2\frac{2}{5} \div 1\frac{1}{2} = \frac{12}{5} \div \frac{3}{2} = \frac{12}{5} \times \frac{2}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

Multiplying and Dividing Various Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{3}{8} \div 2\frac{4}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3. $\frac{4}{5} \times 2\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4. $\frac{2}{3} \times 3\frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

8. $\frac{10}{3} \times \frac{3}{5} = \text{---} = \text{---}$

9. $2\frac{2}{3} \times 1\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{8}{7} \times \frac{14}{5} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{3}{8} \div 2\frac{4}{9} = \frac{11}{8} \div \frac{22}{9} = \frac{11}{8} \times \frac{9}{22} = \frac{99}{176} = \frac{9}{16}$$

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

$$3. \quad \frac{4}{5} \times 2\frac{1}{8} = \frac{4}{5} \times \frac{17}{8} = \frac{68}{40} = \frac{17}{10} = 1\frac{7}{10}$$

$$4. \quad \frac{2}{3} \times 3\frac{3}{5} = \frac{2}{3} \times \frac{18}{5} = \frac{36}{15} = \frac{12}{5} = 2\frac{2}{5}$$

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

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

$$7. \quad 2\frac{1}{4} \div \frac{3}{2} = \frac{9}{4} \div \frac{3}{2} = \frac{9}{4} \times \frac{2}{3} = \frac{18}{12} = \frac{3}{2} = 1\frac{1}{2}$$

$$8. \quad \frac{10}{3} \times \frac{3}{5} = \frac{30}{15} = 2$$

$$9. \quad 2\frac{2}{3} \times 1\frac{1}{2} = \frac{8}{3} \times \frac{3}{2} = \frac{24}{6} = 4$$

$$10. \quad \frac{8}{7} \times \frac{14}{5} = \frac{112}{35} = \frac{16}{5} = 3\frac{1}{5}$$

Multiplying and Dividing Various Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{2} \times \frac{16}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4. $\frac{1}{2} \times \frac{18}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $\frac{7}{6} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $2\frac{2}{7} \times \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $1\frac{1}{6} \times 2\frac{2}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $2\frac{1}{4} \times \frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $3\frac{1}{4} \div 1\frac{4}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

Multiplying and Dividing Various Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{1}{2} \times \frac{16}{5} = \frac{1}{2} \times \frac{16}{5} = \frac{16}{10} = \frac{8}{5} = 1\frac{3}{5}$$

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

$$4. \quad \frac{1}{2} \times \frac{18}{7} = \frac{1}{2} \times \frac{18}{7} = \frac{18}{14} = \frac{9}{7} = 1\frac{2}{7}$$

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

$$6. \quad 2\frac{2}{7} \times \frac{5}{2} = \frac{16}{7} \times \frac{5}{2} = \frac{80}{14} = \frac{40}{7} = 5\frac{5}{7}$$

$$7. \quad 1\frac{1}{6} \times 2\frac{2}{9} = \frac{7}{6} \times \frac{20}{9} = \frac{140}{54} = \frac{70}{27} = 2\frac{16}{27}$$

$$8. \quad 2\frac{1}{4} \times \frac{1}{3} = \frac{9}{4} \times \frac{1}{3} = \frac{9}{12} = \frac{3}{4}$$

$$9. \quad 3\frac{1}{4} \div 1\frac{4}{9} = \frac{13}{4} \div \frac{13}{9} = \frac{13}{4} \times \frac{9}{13} = \frac{117}{52} = \frac{9}{4} = 2\frac{1}{4}$$

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

Multiplying and Dividing Various Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{3} \times 3\frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{8}{5} \times 2\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $2\frac{6}{7} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

6. $\frac{9}{7} \div \frac{1}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{5}{2} \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

9. $\frac{3}{4} \div 3\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{14}{9} \div \frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{11}{3} \times 3\frac{3}{4} = \frac{11}{3} \times \frac{15}{4} = \frac{165}{12} = \frac{55}{4} = 13\frac{3}{4}$$

$$2. \quad \frac{8}{5} \times 2\frac{1}{2} = \frac{8}{5} \times \frac{5}{2} = \frac{40}{10} = 4$$

$$3. \quad 2\frac{1}{3} \times 1\frac{6}{7} = \frac{7}{3} \times \frac{13}{7} = \frac{91}{21} = \frac{13}{3} = 4\frac{1}{3}$$

$$4. \quad 2\frac{6}{7} \times \frac{1}{2} = \frac{20}{7} \times \frac{1}{2} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$6. \quad \frac{9}{7} \div \frac{1}{7} = \frac{9}{7} \div \frac{1}{7} = \frac{9}{7} \times \frac{7}{1} = \frac{63}{7} = 9$$

$$7. \quad \frac{5}{2} \times 3\frac{1}{3} = \frac{5}{2} \times \frac{10}{3} = \frac{50}{6} = \frac{25}{3} = 8\frac{1}{3}$$

$$8. \quad 1\frac{1}{2} \div 3\frac{1}{2} = \frac{3}{2} \div \frac{7}{2} = \frac{3}{2} \times \frac{2}{7} = \frac{6}{14} = \frac{3}{7}$$

$$9. \quad \frac{3}{4} \div 3\frac{3}{4} = \frac{3}{4} \div \frac{15}{4} = \frac{3}{4} \times \frac{4}{15} = \frac{12}{60} = \frac{1}{5}$$

$$10. \quad \frac{14}{9} \div \frac{2}{5} = \frac{14}{9} \times \frac{5}{2} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$

Multiplying and Dividing Various Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{7}{2} \times 1\frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

3. $\frac{9}{4} \div \frac{18}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{21}{8} \div \frac{18}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $3\frac{1}{4} \times 2\frac{4}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

7. $\frac{2}{3} \div \frac{20}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\frac{11}{8} \times \frac{8}{3} = \text{---} = \text{---} = \text{---}$

9. $2\frac{1}{3} \times 1\frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $2\frac{1}{3} \div 1\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{2} \times 1\frac{1}{9} = \frac{7}{2} \times \frac{10}{9} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$

$$2. \quad 3\frac{6}{7} \times \frac{1}{3} = \frac{27}{7} \times \frac{1}{3} = \frac{27}{21} = \frac{9}{7} = 1\frac{2}{7}$$

$$3. \quad \frac{9}{4} \div \frac{18}{5} = \frac{9}{4} \times \frac{5}{18} = \frac{45}{72} = \frac{5}{8}$$

$$4. \quad \frac{21}{8} \div \frac{18}{7} = \frac{21}{8} \times \frac{7}{18} = \frac{147}{144} = \frac{49}{48} = 1\frac{1}{48}$$

$$5. \quad 3\frac{1}{4} \times 2\frac{4}{5} = \frac{13}{4} \times \frac{14}{5} = \frac{182}{20} = \frac{91}{10} = 9\frac{1}{10}$$

$$6. \quad \frac{5}{2} \div 1\frac{3}{4} = \frac{5}{2} \div \frac{7}{4} = \frac{5}{2} \times \frac{4}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$8. \quad \frac{11}{8} \times \frac{8}{3} = \frac{88}{24} = \frac{11}{3} = 3\frac{2}{3}$$

$$9. \quad 2\frac{1}{3} \times 1\frac{5}{7} = \frac{7}{3} \times \frac{12}{7} = \frac{84}{21} = 4$$

$$10. \quad 2\frac{1}{3} \div 1\frac{5}{9} = \frac{7}{3} \div \frac{14}{9} = \frac{7}{3} \times \frac{9}{14} = \frac{63}{42} = \frac{3}{2} = 1\frac{1}{2}$$

Multiplying and Dividing Various Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3\frac{2}{5} \times 1\frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4. $\frac{2}{9} \div 3\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $3\frac{4}{9} \times \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $3\frac{1}{8} \times 1\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $3\frac{3}{8} \times \frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\frac{7}{4} \times \frac{20}{9} = \text{---} = \text{---} = \text{---}$

9. $\frac{23}{8} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10. $\frac{5}{4} \div 2\frac{2}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 3\frac{2}{5} \times 1\frac{1}{4} = \frac{17}{5} \times \frac{5}{4} = \frac{85}{20} = \frac{17}{4} = 4\frac{1}{4}$$

$$3. \quad \frac{1}{3} \div 2\frac{5}{9} = \frac{1}{3} \div \frac{23}{9} = \frac{1}{3} \times \frac{9}{23} = \frac{9}{69} = \frac{3}{23}$$

$$4. \quad \frac{2}{9} \div 3\frac{1}{5} = \frac{2}{9} \div \frac{16}{5} = \frac{2}{9} \times \frac{5}{16} = \frac{10}{144} = \frac{5}{72}$$

$$5. \quad 3\frac{4}{9} \times \frac{3}{2} = \frac{31}{9} \times \frac{3}{2} = \frac{93}{18} = \frac{31}{6} = 5\frac{1}{6}$$

$$6. \quad 3\frac{1}{8} \times 1\frac{1}{7} = \frac{25}{8} \times \frac{8}{7} = \frac{200}{56} = \frac{25}{7} = 3\frac{4}{7}$$

$$7. \quad 3\frac{3}{8} \times \frac{1}{9} = \frac{27}{8} \times \frac{1}{9} = \frac{27}{72} = \frac{3}{8}$$

$$8. \quad \frac{7}{4} \times \frac{20}{9} = \frac{140}{36} = \frac{35}{9} = 3\frac{8}{9}$$

$$9. \quad \frac{23}{8} \div \frac{1}{2} = \frac{23}{8} \times \frac{2}{1} = \frac{46}{8} = \frac{23}{4} = 5\frac{3}{4}$$

$$10. \quad \frac{5}{4} \div 2\frac{2}{9} = \frac{5}{4} \div \frac{20}{9} = \frac{5}{4} \times \frac{9}{20} = \frac{45}{80} = \frac{9}{16}$$