

Multiplying and Dividing Two Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $3\frac{3}{4} \times 1\frac{5}{7} =$

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

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

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

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

Multiplying and Dividing Two Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 1\frac{3}{4} \times 1\frac{1}{3} = \frac{7}{4} \times \frac{4}{3} = \frac{28}{12} = \frac{7}{3} = 2\frac{1}{3}$$

$$3. \quad 1\frac{2}{5} \div 2\frac{2}{9} = \frac{7}{5} \div \frac{20}{9} = \frac{7}{5} \times \frac{9}{20} = \frac{63}{100}$$

$$4. \quad 3\frac{1}{2} \times 2\frac{2}{9} = \frac{7}{2} \times \frac{20}{9} = \frac{140}{18} = \frac{70}{9} = 7\frac{7}{9}$$

$$5. \quad 3\frac{5}{8} \times 1\frac{4}{5} = \frac{29}{8} \times \frac{9}{5} = \frac{261}{40} = 6\frac{21}{40}$$

$$6. \quad 3\frac{3}{4} \times 1\frac{5}{7} = \frac{15}{4} \times \frac{12}{7} = \frac{180}{28} = \frac{45}{7} = 6\frac{3}{7}$$

$$7. \quad 3\frac{1}{2} \div 3\frac{5}{7} = \frac{7}{2} \div \frac{26}{7} = \frac{7}{2} \times \frac{7}{26} = \frac{49}{52}$$

$$8. \quad 1\frac{8}{9} \div 1\frac{2}{3} = \frac{17}{9} \div \frac{5}{3} = \frac{17}{9} \times \frac{3}{5} = \frac{51}{45} = \frac{17}{15} = 1\frac{2}{15}$$

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

$$10. \quad 2\frac{1}{2} \div 2\frac{2}{7} = \frac{5}{2} \div \frac{16}{7} = \frac{5}{2} \times \frac{7}{16} = \frac{35}{32} = 1\frac{3}{32}$$

Multiplying and Dividing Two Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $2\frac{3}{4} \div 1\frac{4}{9} =$

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

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

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

10. $3\frac{6}{7} \div 2\frac{2}{3} =$

Multiplying and Dividing Two Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{4}{5} \div 1\frac{1}{4} = \frac{9}{5} \div \frac{5}{4} = \frac{9}{5} \times \frac{4}{5} = \frac{36}{25} = 1\frac{11}{25}$$

$$2. \quad 2\frac{1}{2} \times 2\frac{1}{6} = \frac{5}{2} \times \frac{13}{6} = \frac{65}{12} = 5\frac{5}{12}$$

$$3. \quad 2\frac{2}{3} \times 1\frac{1}{8} = \frac{8}{3} \times \frac{9}{8} = \frac{72}{24} = 3$$

$$4. \quad 1\frac{1}{3} \times 1\frac{1}{3} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$5. \quad 3\frac{2}{5} \div 1\frac{1}{3} = \frac{17}{5} \div \frac{4}{3} = \frac{17}{5} \times \frac{3}{4} = \frac{51}{20} = 2\frac{11}{20}$$

$$6. \quad 2\frac{3}{4} \div 1\frac{4}{9} = \frac{11}{4} \div \frac{13}{9} = \frac{11}{4} \times \frac{9}{13} = \frac{99}{52} = 1\frac{47}{52}$$

$$7. \quad 2\frac{1}{3} \times 3\frac{2}{7} = \frac{7}{3} \times \frac{23}{7} = \frac{161}{21} = \frac{23}{3} = 7\frac{2}{3}$$

$$8. \quad 2\frac{1}{3} \times 3\frac{2}{3} = \frac{7}{3} \times \frac{11}{3} = \frac{77}{9} = 8\frac{5}{9}$$

$$9. \quad 3\frac{1}{2} \div 2\frac{3}{7} = \frac{7}{2} \div \frac{17}{7} = \frac{7}{2} \times \frac{7}{17} = \frac{49}{34} = 1\frac{15}{34}$$

$$10. \quad 3\frac{6}{7} \div 2\frac{2}{3} = \frac{27}{7} \div \frac{8}{3} = \frac{27}{7} \times \frac{3}{8} = \frac{81}{56} = 1\frac{25}{56}$$

Multiplying and Dividing Two Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $1\frac{4}{9} \div 1\frac{6}{7} =$

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

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

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

Multiplying and Dividing Two Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{5} \div 2\frac{1}{4} = \frac{6}{5} \div \frac{9}{4} = \frac{6}{5} \times \frac{4}{9} = \frac{24}{45} = \frac{8}{15}$$

$$2. \quad 1\frac{5}{9} \times 3\frac{2}{3} = \frac{14}{9} \times \frac{11}{3} = \frac{154}{27} = 5\frac{19}{27}$$

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

$$4. \quad 1\frac{7}{9} \times 1\frac{1}{2} = \frac{16}{9} \times \frac{3}{2} = \frac{48}{18} = \frac{8}{3} = 2\frac{2}{3}$$

$$5. \quad 2\frac{1}{3} \times 3\frac{2}{3} = \frac{7}{3} \times \frac{11}{3} = \frac{77}{9} = 8\frac{5}{9}$$

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

$$7. \quad 1\frac{4}{9} \div 1\frac{6}{7} = \frac{13}{9} \div \frac{13}{7} = \frac{13}{9} \times \frac{7}{13} = \frac{91}{117} = \frac{7}{9}$$

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

$$9. \quad 2\frac{2}{5} \div 2\frac{2}{3} = \frac{12}{5} \div \frac{8}{3} = \frac{12}{5} \times \frac{3}{8} = \frac{36}{40} = \frac{9}{10}$$

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

Multiplying and Dividing Two Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $1\frac{4}{5} \times 1\frac{5}{7} =$

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

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

7. $1\frac{1}{6} \times 1\frac{1}{6} =$

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

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

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

Multiplying and Dividing Two Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{7} \div 1\frac{2}{3} = \frac{22}{7} \div \frac{5}{3} = \frac{22}{7} \times \frac{3}{5} = \frac{66}{35} = 1\frac{31}{35}$$

$$2. \quad 3\frac{1}{2} \div 3\frac{1}{4} = \frac{7}{2} \div \frac{13}{4} = \frac{7}{2} \times \frac{4}{13} = \frac{28}{26} = \frac{14}{13} = 1\frac{1}{13}$$

$$3. \quad 1\frac{7}{9} \times 3\frac{1}{4} = \frac{16}{9} \times \frac{13}{4} = \frac{208}{36} = \frac{52}{9} = 5\frac{7}{9}$$

$$4. \quad 1\frac{4}{5} \times 1\frac{5}{7} = \frac{9}{5} \times \frac{12}{7} = \frac{108}{35} = 3\frac{3}{35}$$

$$5. \quad 1\frac{2}{3} \times 2\frac{3}{4} = \frac{5}{3} \times \frac{11}{4} = \frac{55}{12} = 4\frac{7}{12}$$

$$6. \quad 1\frac{1}{4} \div 1\frac{1}{3} = \frac{5}{4} \div \frac{4}{3} = \frac{5}{4} \times \frac{3}{4} = \frac{15}{16}$$

$$7. \quad 1\frac{1}{6} \times 1\frac{1}{6} = \frac{7}{6} \times \frac{7}{6} = \frac{49}{36} = 1\frac{13}{36}$$

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

$$9. \quad 3\frac{1}{9} \div 2\frac{2}{3} = \frac{28}{9} \div \frac{8}{3} = \frac{28}{9} \times \frac{3}{8} = \frac{84}{72} = \frac{7}{6} = 1\frac{1}{6}$$

$$10. \quad 2\frac{2}{5} \times 3\frac{1}{2} = \frac{12}{5} \times \frac{7}{2} = \frac{84}{10} = \frac{42}{5} = 8\frac{2}{5}$$

Multiplying and Dividing Two Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $1\frac{7}{8} \div 3\frac{2}{9} =$

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

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

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

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

10. $3\frac{1}{3} \times 1\frac{7}{8} =$

Multiplying and Dividing Two Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{2}{9} \div 1\frac{3}{4} = \frac{29}{9} \div \frac{7}{4} = \frac{29}{9} \times \frac{4}{7} = \frac{116}{63} = 1\frac{53}{63}$$

$$2. \quad 3\frac{1}{5} \div 2\frac{3}{4} = \frac{16}{5} \div \frac{11}{4} = \frac{16}{5} \times \frac{4}{11} = \frac{64}{55} = 1\frac{9}{55}$$

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

$$4. \quad 2\frac{1}{4} \times 3\frac{1}{7} = \frac{9}{4} \times \frac{22}{7} = \frac{198}{28} = \frac{99}{14} = 7\frac{1}{14}$$

$$5. \quad 1\frac{7}{8} \div 3\frac{2}{9} = \frac{15}{8} \div \frac{29}{9} = \frac{15}{8} \times \frac{9}{29} = \frac{135}{232}$$

$$6. \quad 1\frac{1}{5} \div 2\frac{1}{4} = \frac{6}{5} \div \frac{9}{4} = \frac{6}{5} \times \frac{4}{9} = \frac{24}{45} = \frac{8}{15}$$

$$7. \quad 3\frac{1}{3} \div 3\frac{2}{3} = \frac{10}{3} \div \frac{11}{3} = \frac{10}{3} \times \frac{3}{11} = \frac{30}{33} = \frac{10}{11}$$

$$8. \quad 1\frac{1}{3} \times 2\frac{1}{2} = \frac{4}{3} \times \frac{5}{2} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

$$9. \quad 1\frac{3}{7} \times 1\frac{1}{2} = \frac{10}{7} \times \frac{3}{2} = \frac{30}{14} = \frac{15}{7} = 2\frac{1}{7}$$

$$10. \quad 3\frac{1}{3} \times 1\frac{7}{8} = \frac{10}{3} \times \frac{15}{8} = \frac{150}{24} = \frac{25}{4} = 6\frac{1}{4}$$

Multiplying and Dividing Two Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $1\frac{1}{3} \div 3\frac{1}{8} =$

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

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

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

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

Multiplying and Dividing Two Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad 2\frac{1}{2} \times 3\frac{2}{5} = \frac{5}{2} \times \frac{17}{5} = \frac{85}{10} = \frac{17}{2} = 8\frac{1}{2}$$

$$4. \quad 2\frac{1}{2} \times 2\frac{2}{9} = \frac{5}{2} \times \frac{20}{9} = \frac{100}{18} = \frac{50}{9} = 5\frac{5}{9}$$

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

$$6. \quad 1\frac{1}{3} \div 3\frac{1}{8} = \frac{4}{3} \div \frac{25}{8} = \frac{4}{3} \times \frac{8}{25} = \frac{32}{75}$$

$$7. \quad 2\frac{1}{9} \div 3\frac{1}{4} = \frac{19}{9} \div \frac{13}{4} = \frac{19}{9} \times \frac{4}{13} = \frac{76}{117}$$

$$8. \quad 3\frac{3}{8} \div 2\frac{1}{5} = \frac{27}{8} \div \frac{11}{5} = \frac{27}{8} \times \frac{5}{11} = \frac{135}{88} = 1\frac{47}{88}$$

$$9. \quad 2\frac{2}{7} \times 2\frac{1}{2} = \frac{16}{7} \times \frac{5}{2} = \frac{80}{14} = \frac{40}{7} = 5\frac{5}{7}$$

$$10. \quad 2\frac{1}{3} \times 2\frac{1}{5} = \frac{7}{3} \times \frac{11}{5} = \frac{77}{15} = 5\frac{2}{15}$$

Multiplying and Dividing Two Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $2\frac{5}{7} \div 3\frac{4}{5} =$

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

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

8. $1\frac{1}{4} \times 1\frac{4}{9} =$

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

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

Multiplying and Dividing Two Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{7} \div 3\frac{1}{3} = \frac{22}{7} \div \frac{10}{3} = \frac{22}{7} \times \frac{3}{10} = \frac{66}{70} = \frac{33}{35}$$

$$2. \quad 2\frac{3}{4} \div 3\frac{5}{8} = \frac{11}{4} \div \frac{29}{8} = \frac{11}{4} \times \frac{8}{29} = \frac{88}{116} = \frac{22}{29}$$

$$3. \quad 3\frac{3}{7} \times 2\frac{1}{8} = \frac{24}{7} \times \frac{17}{8} = \frac{408}{56} = \frac{51}{7} = 7\frac{2}{7}$$

$$4. \quad 3\frac{1}{2} \div 3\frac{1}{5} = \frac{7}{2} \div \frac{16}{5} = \frac{7}{2} \times \frac{5}{16} = \frac{35}{32} = 1\frac{3}{32}$$

$$5. \quad 2\frac{5}{7} \div 3\frac{4}{5} = \frac{19}{7} \div \frac{19}{5} = \frac{19}{7} \times \frac{5}{19} = \frac{95}{133} = \frac{5}{7}$$

$$6. \quad 2\frac{2}{5} \div 2\frac{3}{5} = \frac{12}{5} \div \frac{13}{5} = \frac{12}{5} \times \frac{5}{13} = \frac{60}{65} = \frac{12}{13}$$

$$7. \quad 1\frac{5}{8} \times 2\frac{1}{2} = \frac{13}{8} \times \frac{5}{2} = \frac{65}{16} = 4\frac{1}{16}$$

$$8. \quad 1\frac{1}{4} \times 1\frac{4}{9} = \frac{5}{4} \times \frac{13}{9} = \frac{65}{36} = 1\frac{29}{36}$$

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

$$10. \quad 3\frac{1}{2} \times 1\frac{1}{2} = \frac{7}{2} \times \frac{3}{2} = \frac{21}{4} = 5\frac{1}{4}$$

Multiplying and Dividing Two Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $2\frac{3}{5} \times 2\frac{2}{3} =$

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

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

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

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

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

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

10. $2\frac{2}{7} \times 3\frac{5}{9} =$

Multiplying and Dividing Two Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{2} \div 2\frac{1}{5} = \frac{7}{2} \div \frac{11}{5} = \frac{7}{2} \times \frac{5}{11} = \frac{35}{22} = 1\frac{13}{22}$$

$$2. \quad 2\frac{2}{5} \times 1\frac{2}{3} = \frac{12}{5} \times \frac{5}{3} = \frac{60}{15} = 4$$

$$3. \quad 2\frac{3}{5} \times 2\frac{2}{3} = \frac{13}{5} \times \frac{8}{3} = \frac{104}{15} = 6\frac{14}{15}$$

$$4. \quad 2\frac{1}{9} \div 3\frac{2}{5} = \frac{19}{9} \div \frac{17}{5} = \frac{19}{9} \times \frac{5}{17} = \frac{95}{153}$$

$$5. \quad 3\frac{5}{6} \div 1\frac{1}{2} = \frac{23}{6} \div \frac{3}{2} = \frac{23}{6} \times \frac{2}{3} = \frac{46}{18} = \frac{23}{9} = 2\frac{5}{9}$$

$$6. \quad 3\frac{5}{6} \div 1\frac{1}{4} = \frac{23}{6} \div \frac{5}{4} = \frac{23}{6} \times \frac{4}{5} = \frac{92}{30} = \frac{46}{15} = 3\frac{1}{15}$$

$$7. \quad 3\frac{1}{2} \div 2\frac{7}{8} = \frac{7}{2} \div \frac{23}{8} = \frac{7}{2} \times \frac{8}{23} = \frac{56}{46} = \frac{28}{23} = 1\frac{5}{23}$$

$$8. \quad 2\frac{2}{5} \times 3\frac{1}{2} = \frac{12}{5} \times \frac{7}{2} = \frac{84}{10} = \frac{42}{5} = 8\frac{2}{5}$$

$$9. \quad 1\frac{2}{3} \times 1\frac{3}{8} = \frac{5}{3} \times \frac{11}{8} = \frac{55}{24} = 2\frac{7}{24}$$

$$10. \quad 2\frac{2}{7} \times 3\frac{5}{9} = \frac{16}{7} \times \frac{32}{9} = \frac{512}{63} = 8\frac{8}{63}$$

Multiplying and Dividing Two Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Two Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{2} \div 2\frac{2}{9} = \frac{7}{2} \div \frac{20}{9} = \frac{7}{2} \times \frac{9}{20} = \frac{63}{40} = 1\frac{23}{40}$$

$$2. \quad 3\frac{1}{3} \times 2\frac{1}{6} = \frac{10}{3} \times \frac{13}{6} = \frac{130}{18} = \frac{65}{9} = 7\frac{2}{9}$$

$$3. \quad 2\frac{3}{8} \div 2\frac{3}{4} = \frac{19}{8} \div \frac{11}{4} = \frac{19}{8} \times \frac{4}{11} = \frac{76}{88} = \frac{19}{22}$$

$$4. \quad 3\frac{5}{8} \div 2\frac{2}{3} = \frac{29}{8} \div \frac{8}{3} = \frac{29}{8} \times \frac{3}{8} = \frac{87}{64} = 1\frac{23}{64}$$

$$5. \quad 2\frac{3}{4} \times 2\frac{1}{4} = \frac{11}{4} \times \frac{9}{4} = \frac{99}{16} = 6\frac{3}{16}$$

$$6. \quad 2\frac{3}{4} \times 2\frac{1}{3} = \frac{11}{4} \times \frac{7}{3} = \frac{77}{12} = 6\frac{5}{12}$$

$$7. \quad 1\frac{1}{3} \div 2\frac{3}{7} = \frac{4}{3} \div \frac{17}{7} = \frac{4}{3} \times \frac{7}{17} = \frac{28}{51}$$

$$8. \quad 1\frac{1}{3} \div 1\frac{3}{4} = \frac{4}{3} \div \frac{7}{4} = \frac{4}{3} \times \frac{4}{7} = \frac{16}{21}$$

$$9. \quad 2\frac{4}{5} \times 2\frac{2}{3} = \frac{14}{5} \times \frac{8}{3} = \frac{112}{15} = 7\frac{7}{15}$$

$$10. \quad 1\frac{2}{3} \times 2\frac{1}{2} = \frac{5}{3} \times \frac{5}{2} = \frac{25}{6} = 4\frac{1}{6}$$

Multiplying and Dividing Two Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $3\frac{2}{5} \div 1\frac{4}{9} =$

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

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

Multiplying and Dividing Two Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{4} \times 2\frac{4}{7} = \frac{5}{4} \times \frac{18}{7} = \frac{90}{28} = \frac{45}{14} = 3\frac{3}{14}$$

$$2. \quad 2\frac{2}{3} \times 1\frac{1}{3} = \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$3. \quad 1\frac{1}{4} \times 3\frac{1}{2} = \frac{5}{4} \times \frac{7}{2} = \frac{35}{8} = 4\frac{3}{8}$$

$$4. \quad 1\frac{1}{2} \times 1\frac{1}{7} = \frac{3}{2} \times \frac{8}{7} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$5. \quad 1\frac{1}{3} \div 1\frac{5}{6} = \frac{4}{3} \div \frac{11}{6} = \frac{4}{3} \times \frac{6}{11} = \frac{24}{33} = \frac{8}{11}$$

$$6. \quad 2\frac{7}{9} \times 1\frac{1}{3} = \frac{25}{9} \times \frac{4}{3} = \frac{100}{27} = 3\frac{19}{27}$$

$$7. \quad 1\frac{1}{4} \div 1\frac{4}{5} = \frac{5}{4} \div \frac{9}{5} = \frac{5}{4} \times \frac{5}{9} = \frac{25}{36}$$

$$8. \quad 3\frac{2}{5} \div 1\frac{4}{9} = \frac{17}{5} \div \frac{13}{9} = \frac{17}{5} \times \frac{9}{13} = \frac{153}{65} = 2\frac{23}{65}$$

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

$$10. \quad 2\frac{1}{3} \div 1\frac{2}{5} = \frac{7}{3} \div \frac{7}{5} = \frac{7}{3} \times \frac{5}{7} = \frac{35}{21} = \frac{5}{3} = 1\frac{2}{3}$$