

Multiplying and Dividing Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Convert ↑ Result Convert ↓

$$2. \quad 5\frac{4}{5} \div 2\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

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

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

$$7. \quad 1\frac{5}{8} \times 3\frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

$$10. \quad 3\frac{1}{2} \div 1\frac{1}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

Multiplying and Dividing Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{5}{7} \times 5\frac{1}{5} = \frac{26}{7} \times \frac{26}{5} = \frac{676}{35} = 19\frac{11}{35}$$

$$2. \quad 5\frac{4}{5} \div 2\frac{6}{7} = \frac{29}{5} \div \frac{20}{7} = \frac{29}{5} \times \frac{7}{20} = \frac{203}{100} = 2\frac{3}{100}$$

$$3. \quad 1\frac{2}{3} \times 2\frac{5}{9} = \frac{5}{3} \times \frac{23}{9} = \frac{115}{27} = 4\frac{7}{27}$$

$$4. \quad 3\frac{2}{3} \times 5\frac{5}{9} = \frac{11}{3} \times \frac{50}{9} = \frac{550}{27} = 20\frac{10}{27}$$

$$5. \quad 1\frac{5}{7} \div 2\frac{1}{6} = \frac{12}{7} \div \frac{13}{6} = \frac{12}{7} \times \frac{6}{13} = \frac{72}{91}$$

$$6. \quad 4\frac{1}{2} \times 5\frac{1}{4} = \frac{9}{2} \times \frac{21}{4} = \frac{189}{8} = 23\frac{5}{8}$$

$$7. \quad 1\frac{5}{8} \times 3\frac{1}{4} = \frac{13}{8} \times \frac{13}{4} = \frac{169}{32} = 5\frac{9}{32}$$

$$8. \quad 1\frac{6}{7} \div 1\frac{2}{3} = \frac{13}{7} \div \frac{5}{3} = \frac{13}{7} \times \frac{3}{5} = \frac{39}{35} = 1\frac{4}{35}$$

$$9. \quad 4\frac{3}{5} \div 2\frac{1}{2} = \frac{23}{5} \div \frac{5}{2} = \frac{23}{5} \times \frac{2}{5} = \frac{46}{25} = 1\frac{21}{25}$$

$$10. \quad 3\frac{1}{2} \div 1\frac{1}{7} = \frac{7}{2} \div \frac{8}{7} = \frac{7}{2} \times \frac{7}{8} = \frac{49}{16} = 3\frac{1}{16}$$

Multiplying and Dividing Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $2\frac{7}{9} \times 3\frac{5}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

10. $4\frac{1}{6} \times 3\frac{8}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 5\frac{7}{8} \div 1\frac{2}{7} = \frac{47}{8} \div \frac{9}{7} = \frac{47}{8} \times \frac{7}{9} = \frac{329}{72} = 4\frac{41}{72}$$

$$2. \quad 1\frac{1}{2} \div 5\frac{5}{7} = \frac{3}{2} \div \frac{40}{7} = \frac{3}{2} \times \frac{7}{40} = \frac{21}{80}$$

$$3. \quad 4\frac{3}{7} \div 5\frac{1}{4} = \frac{31}{7} \div \frac{21}{4} = \frac{31}{7} \times \frac{4}{21} = \frac{124}{147}$$

$$4. \quad 1\frac{4}{9} \div 5\frac{3}{8} = \frac{13}{9} \div \frac{43}{8} = \frac{13}{9} \times \frac{8}{43} = \frac{104}{387}$$

$$5. \quad 2\frac{3}{4} \div 1\frac{2}{3} = \frac{11}{4} \div \frac{5}{3} = \frac{11}{4} \times \frac{3}{5} = \frac{33}{20} = 1\frac{13}{20}$$

$$6. \quad 2\frac{7}{9} \times 3\frac{5}{7} = \frac{25}{9} \times \frac{26}{7} = \frac{650}{63} = 10\frac{20}{63}$$

$$7. \quad 2\frac{1}{3} \times 4\frac{1}{3} = \frac{7}{3} \times \frac{13}{3} = \frac{91}{9} = 10\frac{1}{9}$$

$$8. \quad 3\frac{2}{3} \times 5\frac{1}{3} = \frac{11}{3} \times \frac{16}{3} = \frac{176}{9} = 19\frac{5}{9}$$

$$9. \quad 5\frac{4}{5} \times 3\frac{1}{2} = \frac{29}{5} \times \frac{7}{2} = \frac{203}{10} = 20\frac{3}{10}$$

$$10. \quad 4\frac{1}{6} \times 3\frac{8}{9} = \frac{25}{6} \times \frac{35}{9} = \frac{875}{54} = 16\frac{11}{54}$$

Multiplying and Dividing Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $2\frac{4}{5} \times 2\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $3\frac{7}{9} \times 2\frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $5\frac{2}{3} \times 2\frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 5\frac{4}{5} \div 2\frac{1}{2} = \frac{29}{5} \div \frac{5}{2} = \frac{29}{5} \times \frac{2}{5} = \frac{58}{25} = 2\frac{8}{25}$$

$$2. \quad 4\frac{2}{3} \div 3\frac{3}{4} = \frac{14}{3} \div \frac{15}{4} = \frac{14}{3} \times \frac{4}{15} = \frac{56}{45} = 1\frac{11}{45}$$

$$3. \quad 1\frac{2}{9} \div 2\frac{2}{5} = \frac{11}{9} \div \frac{12}{5} = \frac{11}{9} \times \frac{5}{12} = \frac{55}{108}$$

$$4. \quad 1\frac{2}{9} \div 1\frac{1}{5} = \frac{11}{9} \div \frac{6}{5} = \frac{11}{9} \times \frac{5}{6} = \frac{55}{54} = 1\frac{1}{54}$$

$$5. \quad 3\frac{2}{3} \times 2\frac{1}{6} = \frac{11}{3} \times \frac{13}{6} = \frac{143}{18} = 7\frac{17}{18}$$

$$6. \quad 1\frac{1}{2} \div 3\frac{4}{5} = \frac{3}{2} \div \frac{19}{5} = \frac{3}{2} \times \frac{5}{19} = \frac{15}{38}$$

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

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

$$9. \quad 3\frac{7}{9} \times 2\frac{4}{9} = \frac{34}{9} \times \frac{22}{9} = \frac{748}{81} = 9\frac{19}{81}$$

$$10. \quad 5\frac{2}{3} \times 2\frac{1}{6} = \frac{17}{3} \times \frac{13}{6} = \frac{221}{18} = 12\frac{5}{18}$$

Multiplying and Dividing Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $1\frac{7}{8} \times 5\frac{2}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

Multiplying and Dividing Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 4\frac{1}{4} \div 3\frac{5}{9} = \frac{17}{4} \div \frac{32}{9} = \frac{17}{4} \times \frac{9}{32} = \frac{153}{128} = 1\frac{25}{128}$$

$$2. \quad 5\frac{1}{8} \times 2\frac{1}{8} = \frac{41}{8} \times \frac{17}{8} = \frac{697}{64} = 10\frac{57}{64}$$

$$3. \quad 3\frac{2}{3} \div 5\frac{1}{5} = \frac{11}{3} \div \frac{26}{5} = \frac{11}{3} \times \frac{5}{26} = \frac{55}{78}$$

$$4. \quad 4\frac{3}{5} \div 2\frac{4}{9} = \frac{23}{5} \div \frac{22}{9} = \frac{23}{5} \times \frac{9}{22} = \frac{207}{110} = 1\frac{97}{110}$$

$$5. \quad 4\frac{1}{2} \div 5\frac{2}{3} = \frac{9}{2} \div \frac{17}{3} = \frac{9}{2} \times \frac{3}{17} = \frac{27}{34}$$

$$6. \quad 3\frac{2}{5} \times 3\frac{1}{5} = \frac{17}{5} \times \frac{16}{5} = \frac{272}{25} = 10\frac{22}{25}$$

$$7. \quad 5\frac{2}{3} \div 2\frac{1}{2} = \frac{17}{3} \div \frac{5}{2} = \frac{17}{3} \times \frac{2}{5} = \frac{34}{15} = 2\frac{4}{15}$$

$$8. \quad 5\frac{1}{2} \times 4\frac{3}{7} = \frac{11}{2} \times \frac{31}{7} = \frac{341}{14} = 24\frac{5}{14}$$

$$9. \quad 1\frac{7}{8} \times 5\frac{2}{7} = \frac{15}{8} \times \frac{37}{7} = \frac{555}{56} = 9\frac{51}{56}$$

$$10. \quad 1\frac{1}{3} \times 1\frac{1}{7} = \frac{4}{3} \times \frac{8}{7} = \frac{32}{21} = 1\frac{11}{21}$$

Multiplying and Dividing Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $5\frac{1}{4} \times 4\frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8. $5\frac{1}{2} \div 2\frac{1}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

Multiplying and Dividing Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{6}{7} \div 3\frac{1}{4} = \frac{27}{7} \div \frac{13}{4} = \frac{27}{7} \times \frac{4}{13} = \frac{108}{91} = 1\frac{17}{91}$$

$$2. \quad 1\frac{1}{4} \times 5\frac{1}{2} = \frac{5}{4} \times \frac{11}{2} = \frac{55}{8} = 6\frac{7}{8}$$

$$3. \quad 3\frac{1}{2} \div 5\frac{1}{3} = \frac{7}{2} \div \frac{16}{3} = \frac{7}{2} \times \frac{3}{16} = \frac{21}{32}$$

$$4. \quad 5\frac{7}{8} \times 2\frac{5}{7} = \frac{47}{8} \times \frac{19}{7} = \frac{893}{56} = 15\frac{53}{56}$$

$$5. \quad 1\frac{1}{3} \div 5\frac{5}{8} = \frac{4}{3} \div \frac{45}{8} = \frac{4}{3} \times \frac{8}{45} = \frac{32}{135}$$

$$6. \quad 5\frac{1}{4} \times 4\frac{3}{8} = \frac{21}{4} \times \frac{35}{8} = \frac{735}{32} = 22\frac{31}{32}$$

$$7. \quad 2\frac{1}{2} \times 5\frac{2}{3} = \frac{5}{2} \times \frac{17}{3} = \frac{85}{6} = 14\frac{1}{6}$$

$$8. \quad 5\frac{1}{2} \div 2\frac{1}{9} = \frac{11}{2} \div \frac{19}{9} = \frac{11}{2} \times \frac{9}{19} = \frac{99}{38} = 2\frac{23}{38}$$

$$9. \quad 2\frac{3}{5} \times 3\frac{1}{2} = \frac{13}{5} \times \frac{7}{2} = \frac{91}{10} = 9\frac{1}{10}$$

$$10. \quad 5\frac{1}{3} \div 5\frac{1}{2} = \frac{16}{3} \div \frac{11}{2} = \frac{16}{3} \times \frac{2}{11} = \frac{32}{33}$$

Multiplying and Dividing Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $4\frac{5}{9} \times 3\frac{1}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

Multiplying and Dividing Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{5} \div 1\frac{2}{3} = \frac{18}{5} \div \frac{5}{3} = \frac{18}{5} \times \frac{3}{5} = \frac{54}{25} = 2\frac{4}{25}$$

$$2. \quad 2\frac{7}{8} \div 2\frac{1}{3} = \frac{23}{8} \div \frac{7}{3} = \frac{23}{8} \times \frac{3}{7} = \frac{69}{56} = 1\frac{13}{56}$$

$$3. \quad 1\frac{1}{5} \div 3\frac{2}{9} = \frac{6}{5} \div \frac{29}{9} = \frac{6}{5} \times \frac{9}{29} = \frac{54}{145}$$

$$4. \quad 1\frac{1}{2} \div 3\frac{7}{9} = \frac{3}{2} \div \frac{34}{9} = \frac{3}{2} \times \frac{9}{34} = \frac{27}{68}$$

$$5. \quad 1\frac{5}{7} \div 1\frac{2}{3} = \frac{12}{7} \div \frac{5}{3} = \frac{12}{7} \times \frac{3}{5} = \frac{36}{35} = 1\frac{1}{35}$$

$$6. \quad 3\frac{2}{3} \times 1\frac{1}{3} = \frac{11}{3} \times \frac{4}{3} = \frac{44}{9} = 4\frac{8}{9}$$

$$7. \quad 4\frac{5}{9} \times 3\frac{1}{6} = \frac{41}{9} \times \frac{19}{6} = \frac{779}{54} = 14\frac{23}{54}$$

$$8. \quad 3\frac{1}{8} \times 3\frac{2}{3} = \frac{25}{8} \times \frac{11}{3} = \frac{275}{24} = 11\frac{11}{24}$$

$$9. \quad 4\frac{1}{3} \times 2\frac{1}{2} = \frac{13}{3} \times \frac{5}{2} = \frac{65}{6} = 10\frac{5}{6}$$

$$10. \quad 5\frac{3}{4} \times 2\frac{3}{4} = \frac{23}{4} \times \frac{11}{4} = \frac{253}{16} = 15\frac{13}{16}$$

Multiplying and Dividing Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $2\frac{6}{7} \times 3\frac{5}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

Multiplying and Dividing Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{2} \times 5\frac{2}{3} = \frac{7}{2} \times \frac{17}{3} = \frac{119}{6} = 19\frac{5}{6}$$

$$2. \quad 3\frac{7}{9} \times 5\frac{2}{3} = \frac{34}{9} \times \frac{17}{3} = \frac{578}{27} = 21\frac{11}{27}$$

$$3. \quad 5\frac{3}{4} \times 1\frac{4}{5} = \frac{23}{4} \times \frac{9}{5} = \frac{207}{20} = 10\frac{7}{20}$$

$$4. \quad 3\frac{1}{4} \div 4\frac{7}{9} = \frac{13}{4} \div \frac{43}{9} = \frac{13}{4} \times \frac{9}{43} = \frac{117}{172}$$

$$5. \quad 2\frac{6}{7} \times 3\frac{5}{7} = \frac{20}{7} \times \frac{26}{7} = \frac{520}{49} = 10\frac{30}{49}$$

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

$$7. \quad 2\frac{5}{6} \times 4\frac{1}{3} = \frac{17}{6} \times \frac{13}{3} = \frac{221}{18} = 12\frac{5}{18}$$

$$8. \quad 5\frac{1}{2} \div 2\frac{2}{3} = \frac{11}{2} \div \frac{8}{3} = \frac{11}{2} \times \frac{3}{8} = \frac{33}{16} = 2\frac{1}{16}$$

$$9. \quad 2\frac{1}{4} \div 3\frac{2}{3} = \frac{9}{4} \div \frac{11}{3} = \frac{9}{4} \times \frac{3}{11} = \frac{27}{44}$$

$$10. \quad 5\frac{7}{9} \div 3\frac{1}{2} = \frac{52}{9} \div \frac{7}{2} = \frac{52}{9} \times \frac{2}{7} = \frac{104}{63} = 1\frac{41}{63}$$

Multiplying and Dividing Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $4\frac{1}{4} \times 4\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 4\frac{4}{7} \div 3\frac{1}{4} = \frac{32}{7} \div \frac{13}{4} = \frac{32}{7} \times \frac{4}{13} = \frac{128}{91} = 1\frac{37}{91}$$

$$2. \quad 3\frac{1}{2} \times 3\frac{1}{2} = \frac{7}{2} \times \frac{7}{2} = \frac{49}{4} = 12\frac{1}{4}$$

$$3. \quad 1\frac{2}{9} \div 4\frac{4}{5} = \frac{11}{9} \div \frac{24}{5} = \frac{11}{9} \times \frac{5}{24} = \frac{55}{216}$$

$$4. \quad 1\frac{1}{5} \times 5\frac{1}{5} = \frac{6}{5} \times \frac{26}{5} = \frac{156}{25} = 6\frac{6}{25}$$

$$5. \quad 4\frac{1}{4} \times 1\frac{1}{2} = \frac{17}{4} \times \frac{3}{2} = \frac{51}{8} = 6\frac{3}{8}$$

$$6. \quad 4\frac{3}{4} \div 5\frac{2}{7} = \frac{19}{4} \div \frac{37}{7} = \frac{19}{4} \times \frac{7}{37} = \frac{133}{148}$$

$$7. \quad 2\frac{1}{2} \times 4\frac{3}{7} = \frac{5}{2} \times \frac{31}{7} = \frac{155}{14} = 11\frac{1}{14}$$

$$8. \quad 5\frac{1}{3} \div 3\frac{1}{4} = \frac{16}{3} \div \frac{13}{4} = \frac{16}{3} \times \frac{4}{13} = \frac{64}{39} = 1\frac{25}{39}$$

$$9. \quad 3\frac{1}{2} \div 4\frac{1}{3} = \frac{7}{2} \div \frac{13}{3} = \frac{7}{2} \times \frac{3}{13} = \frac{21}{26}$$

$$10. \quad 4\frac{1}{4} \times 4\frac{1}{2} = \frac{17}{4} \times \frac{9}{2} = \frac{153}{8} = 19\frac{1}{8}$$

Multiplying and Dividing Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $1\frac{6}{7} \div 3\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

6. $1\frac{1}{8} \div 1\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

7. $2\frac{1}{2} \div 1\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $4\frac{4}{7} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10. $3\frac{5}{8} \times 2\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{3}{4} \times 2\frac{1}{2} = \frac{11}{4} \times \frac{5}{2} = \frac{55}{8} = 6\frac{7}{8}$$

$$2. \quad 1\frac{6}{7} \div 3\frac{4}{5} = \frac{13}{7} \div \frac{19}{5} = \frac{13}{7} \times \frac{5}{19} = \frac{65}{133}$$

$$3. \quad 4\frac{5}{9} \times 3\frac{1}{2} = \frac{41}{9} \times \frac{7}{2} = \frac{287}{18} = 15\frac{17}{18}$$

$$4. \quad 1\frac{3}{4} \times 4\frac{3}{4} = \frac{7}{4} \times \frac{19}{4} = \frac{133}{16} = 8\frac{5}{16}$$

$$5. \quad 4\frac{4}{9} \times 4\frac{1}{3} = \frac{40}{9} \times \frac{13}{3} = \frac{520}{27} = 19\frac{7}{27}$$

$$6. \quad 1\frac{1}{8} \div 1\frac{3}{5} = \frac{9}{8} \div \frac{8}{5} = \frac{9}{8} \times \frac{5}{8} = \frac{45}{64}$$

$$7. \quad 2\frac{1}{2} \div 1\frac{8}{9} = \frac{5}{2} \div \frac{17}{9} = \frac{5}{2} \times \frac{9}{17} = \frac{45}{34} = 1\frac{11}{34}$$

$$8. \quad 4\frac{4}{7} \div 2\frac{1}{3} = \frac{32}{7} \div \frac{7}{3} = \frac{32}{7} \times \frac{3}{7} = \frac{96}{49} = 1\frac{47}{49}$$

$$9. \quad 2\frac{1}{2} \div 5\frac{2}{5} = \frac{5}{2} \div \frac{27}{5} = \frac{5}{2} \times \frac{5}{27} = \frac{25}{54}$$

$$10. \quad 3\frac{5}{8} \times 2\frac{1}{2} = \frac{29}{8} \times \frac{5}{2} = \frac{145}{16} = 9\frac{1}{16}$$

Multiplying and Dividing Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $1\frac{1}{9} \div 3\frac{3}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 5\frac{3}{7} \div 1\frac{1}{2} = \frac{38}{7} \div \frac{3}{2} = \frac{38}{7} \times \frac{2}{3} = \frac{76}{21} = 3\frac{13}{21}$$

$$2. \quad 1\frac{1}{3} \div 2\frac{1}{2} = \frac{4}{3} \div \frac{5}{2} = \frac{4}{3} \times \frac{2}{5} = \frac{8}{15}$$

$$3. \quad 3\frac{1}{3} \times 3\frac{5}{9} = \frac{10}{3} \times \frac{32}{9} = \frac{320}{27} = 11\frac{23}{27}$$

$$4. \quad 2\frac{3}{5} \times 5\frac{1}{2} = \frac{13}{5} \times \frac{11}{2} = \frac{143}{10} = 14\frac{3}{10}$$

$$5. \quad 2\frac{1}{4} \div 5\frac{3}{5} = \frac{9}{4} \div \frac{28}{5} = \frac{9}{4} \times \frac{5}{28} = \frac{45}{112}$$

$$6. \quad 3\frac{3}{5} \times 4\frac{1}{5} = \frac{18}{5} \times \frac{21}{5} = \frac{378}{25} = 15\frac{3}{25}$$

$$7. \quad 3\frac{7}{8} \times 3\frac{1}{2} = \frac{31}{8} \times \frac{7}{2} = \frac{217}{16} = 13\frac{9}{16}$$

$$8. \quad 4\frac{4}{5} \times 2\frac{1}{5} = \frac{24}{5} \times \frac{11}{5} = \frac{264}{25} = 10\frac{14}{25}$$

$$9. \quad 2\frac{1}{2} \div 1\frac{2}{9} = \frac{5}{2} \div \frac{11}{9} = \frac{5}{2} \times \frac{9}{11} = \frac{45}{22} = 2\frac{1}{22}$$

$$10. \quad 1\frac{1}{9} \div 3\frac{3}{8} = \frac{10}{9} \div \frac{27}{8} = \frac{10}{9} \times \frac{8}{27} = \frac{80}{243}$$