

Multiplying Mixed Fractions (A)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{17}{7} \times \frac{5}{9} \times 1\frac{1}{6} = \text{---} = \text{---} = \text{---}$

2. $\frac{4}{3} \times \frac{35}{9} \times \frac{1}{6} = \text{---} = \text{---}$

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

4. $1\frac{2}{3} \times \frac{1}{6} \times \frac{15}{7} = \text{---} = \text{---}$

5. $\frac{1}{3} \times \frac{22}{7} \times \frac{14}{5} = \text{---} = \text{---} = \text{---}$

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

7. $\frac{3}{8} \times \frac{13}{4} \times 3\frac{5}{9} = \text{---} = \text{---} = \text{---}$

8. $1\frac{3}{5} \times \frac{1}{4} \times 3\frac{8}{9} = \text{---} = \text{---} = \text{---}$

9. $1\frac{1}{2} \times 2\frac{2}{5} \times \frac{5}{6} = \text{---} = \text{---} = \text{---}$

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

Multiplying Mixed Fractions (A) Answers

Name: _____

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Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

$$1. \quad \frac{17}{7} \times \frac{5}{9} \times 1\frac{1}{6} = \frac{595}{378} = \frac{85}{54} = 1\frac{31}{54}$$

$$2. \quad \frac{4}{3} \times \frac{35}{9} \times \frac{1}{6} = \frac{140}{162} = \frac{70}{81}$$

$$3. \quad \frac{4}{5} \times 1\frac{4}{5} \times 1\frac{2}{3} = \frac{180}{75} = \frac{12}{5} = 2\frac{2}{5}$$

$$4. \quad 1\frac{2}{3} \times \frac{1}{6} \times \frac{15}{7} = \frac{75}{126} = \frac{25}{42}$$

$$5. \quad \frac{1}{3} \times \frac{22}{7} \times \frac{14}{5} = \frac{308}{105} = \frac{44}{15} = 2\frac{14}{15}$$

$$6. \quad 2\frac{1}{2} \times \frac{4}{5} \times \frac{7}{2} = \frac{140}{20} = \frac{7}{1} = 7$$

$$7. \quad \frac{3}{8} \times \frac{13}{4} \times 3\frac{5}{9} = \frac{1248}{288} = \frac{13}{3} = 4\frac{1}{3}$$

$$8. \quad 1\frac{3}{5} \times \frac{1}{4} \times 3\frac{8}{9} = \frac{280}{180} = \frac{14}{9} = 1\frac{5}{9}$$

$$9. \quad 1\frac{1}{2} \times 2\frac{2}{5} \times \frac{5}{6} = \frac{180}{60} = \frac{3}{1} = 3$$

$$10. \quad \frac{1}{3} \times 1\frac{3}{5} \times 2\frac{1}{2} = \frac{40}{30} = \frac{4}{3} = 1\frac{1}{3}$$

Multiplying Mixed Fractions (B)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

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

2. $\frac{19}{8} \times 1\frac{1}{2} \times \frac{2}{3} = \text{---} = \text{---} = \text{---}$

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

4. $3\frac{2}{3} \times \frac{25}{7} \times \frac{4}{9} = \text{---} = \text{---}$

5. $\frac{7}{6} \times \frac{27}{8} \times \frac{1}{4} = \text{---} = \text{---}$

6. $3\frac{1}{3} \times \frac{4}{9} \times 3\frac{4}{9} = \text{---} = \text{---}$

7. $2\frac{1}{9} \times 2\frac{3}{4} \times \frac{1}{2} = \text{---} = \text{---}$

8. $1\frac{7}{8} \times \frac{2}{3} \times \frac{25}{9} = \text{---} = \text{---} = \text{---}$

9. $\frac{23}{8} \times \frac{1}{6} \times \frac{17}{7} = \text{---} = \text{---}$

10. $\frac{9}{4} \times 3\frac{1}{6} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

Multiplying Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{1}{8} \times 2\frac{2}{3} \times 1\frac{4}{5} = \frac{72}{120} = \frac{3}{5}$

2. $\frac{19}{8} \times 1\frac{1}{2} \times \frac{2}{3} = \frac{114}{48} = \frac{19}{8} = 2\frac{3}{8}$

3. $\frac{5}{6} \times 2\frac{1}{6} \times 2\frac{6}{7} = \frac{1300}{252} = \frac{325}{63} = 5\frac{10}{63}$

4. $3\frac{2}{3} \times \frac{25}{7} \times \frac{4}{9} = \frac{1100}{189} = 5\frac{155}{189}$

5. $\frac{7}{6} \times \frac{27}{8} \times \frac{1}{4} = \frac{189}{192} = \frac{63}{64}$

6. $3\frac{1}{3} \times \frac{4}{9} \times 3\frac{4}{9} = \frac{1240}{243} = 5\frac{25}{243}$

7. $2\frac{1}{9} \times 2\frac{3}{4} \times \frac{1}{2} = \frac{209}{72} = 2\frac{65}{72}$

8. $1\frac{7}{8} \times \frac{2}{3} \times \frac{25}{9} = \frac{750}{216} = \frac{125}{36} = 3\frac{17}{36}$

9. $\frac{23}{8} \times \frac{1}{6} \times \frac{17}{7} = \frac{391}{336} = 1\frac{55}{336}$

10. $\frac{9}{4} \times 3\frac{1}{6} \times \frac{3}{4} = \frac{513}{96} = \frac{171}{32} = 5\frac{11}{32}$

Multiplying Mixed Fractions (C)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{3}{5} \times \frac{9}{7} \times \frac{11}{4} = \text{---} = \text{---}$

2. $1\frac{1}{6} \times \frac{13}{9} \times \frac{1}{4} = \text{---}$

3. $\frac{1}{9} \times \frac{17}{9} \times \frac{13}{4} = \text{---}$

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

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

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

7. $\frac{5}{2} \times \frac{13}{7} \times \frac{2}{3} = \text{---} = \text{---} = \text{---}$

8. $\frac{3}{5} \times 2\frac{3}{8} \times \frac{6}{5} = \text{---} = \text{---} = \text{---}$

9. $\frac{7}{8} \times 2\frac{5}{6} \times 1\frac{4}{5} = \text{---} = \text{---} = \text{---}$

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

Multiplying Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{3}{5} \times \frac{9}{7} \times \frac{11}{4} = \frac{297}{140} = 2 \frac{17}{140}$

2. $1 \frac{1}{6} \times \frac{13}{9} \times \frac{1}{4} = \frac{91}{216}$

3. $\frac{1}{9} \times \frac{17}{9} \times \frac{13}{4} = \frac{221}{324}$

4. $3 \frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2} = \frac{21}{8} = 2 \frac{5}{8}$

5. $3 \frac{5}{6} \times \frac{1}{8} \times \frac{4}{3} = \frac{92}{144} = \frac{23}{36}$

6. $3 \frac{2}{3} \times 3 \frac{3}{4} \times \frac{3}{5} = \frac{495}{60} = \frac{33}{4} = 8 \frac{1}{4}$

7. $\frac{5}{2} \times \frac{13}{7} \times \frac{2}{3} = \frac{130}{42} = \frac{65}{21} = 3 \frac{2}{21}$

8. $\frac{3}{5} \times 2 \frac{3}{8} \times \frac{6}{5} = \frac{342}{200} = \frac{171}{100} = 1 \frac{71}{100}$

9. $\frac{7}{8} \times 2 \frac{5}{6} \times 1 \frac{4}{5} = \frac{1071}{240} = \frac{357}{80} = 4 \frac{37}{80}$

10. $\frac{1}{6} \times \frac{5}{2} \times \frac{7}{2} = \frac{35}{24} = 1 \frac{11}{24}$

Multiplying Mixed Fractions (D)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{1}{6} \times 1\frac{2}{5} \times 3\frac{5}{8} = \underline{\hspace{2cm}}$

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

3. $\frac{8}{9} \times 2\frac{2}{3} \times 2\frac{4}{9} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

4. $\frac{4}{5} \times \frac{16}{9} \times 1\frac{1}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

5. $\frac{9}{5} \times \frac{7}{4} \times \frac{3}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

6. $1\frac{7}{8} \times \frac{5}{7} \times 1\frac{1}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

7. $\frac{29}{9} \times 1\frac{1}{6} \times \frac{3}{8} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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

9. $\frac{3}{2} \times \frac{1}{2} \times 1\frac{5}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10. $\frac{2}{7} \times \frac{11}{6} \times 3\frac{3}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Multiplying Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{1}{6} \times 1\frac{2}{5} \times 3\frac{5}{8} = \frac{203}{240}$

2. $\frac{3}{4} \times 1\frac{1}{3} \times 2\frac{3}{4} = \frac{132}{48} = \frac{11}{4} = 2\frac{3}{4}$

3. $\frac{8}{9} \times 2\frac{2}{3} \times 2\frac{4}{9} = \frac{1408}{243} = 5\frac{193}{243}$

4. $\frac{4}{5} \times \frac{16}{9} \times 1\frac{1}{2} = \frac{192}{90} = \frac{32}{15} = 2\frac{2}{15}$

5. $\frac{9}{5} \times \frac{7}{4} \times \frac{3}{4} = \frac{189}{80} = 2\frac{29}{80}$

6. $1\frac{7}{8} \times \frac{5}{7} \times 1\frac{1}{2} = \frac{225}{112} = 2\frac{1}{112}$

7. $\frac{29}{9} \times 1\frac{1}{6} \times \frac{3}{8} = \frac{609}{432} = \frac{203}{144} = 1\frac{59}{144}$

8. $3\frac{3}{7} \times \frac{1}{2} \times \frac{7}{2} = \frac{168}{28} = \frac{6}{1} = 6$

9. $\frac{3}{2} \times \frac{1}{2} \times 1\frac{5}{6} = \frac{33}{24} = \frac{11}{8} = 1\frac{3}{8}$

10. $\frac{2}{7} \times \frac{11}{6} \times 3\frac{3}{4} = \frac{330}{168} = \frac{55}{28} = 1\frac{27}{28}$

Multiplying Mixed Fractions (E)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $2\frac{1}{2} \times \frac{17}{9} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

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

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

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

5. $\frac{1}{9} \times \frac{18}{7} \times 2\frac{2}{3} = \text{---} = \text{---}$

6. $\frac{7}{6} \times \frac{1}{3} \times \frac{17}{8} = \text{---}$

7. $\frac{1}{5} \times \frac{8}{3} \times \frac{32}{9} = \text{---} = \text{---}$

8. $2\frac{3}{4} \times \frac{1}{6} \times \frac{25}{8} = \text{---} = \text{---}$

9. $3\frac{1}{3} \times \frac{7}{8} \times \frac{25}{8} = \text{---} = \text{---} = \text{---}$

10. $3\frac{1}{3} \times \frac{4}{9} \times \frac{13}{4} = \text{---} = \text{---} = \text{---}$

Multiplying Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

- $2\frac{1}{2} \times \frac{17}{9} \times \frac{3}{4} = \frac{255}{72} = \frac{85}{24} = 3\frac{13}{24}$
- $\frac{8}{3} \times \frac{2}{3} \times 1\frac{1}{3} = \frac{64}{27} = 2\frac{10}{27}$
- $\frac{4}{7} \times 2\frac{3}{4} \times \frac{5}{3} = \frac{220}{84} = \frac{55}{21} = 2\frac{13}{21}$
- $\frac{7}{3} \times 2\frac{1}{6} \times \frac{1}{4} = \frac{91}{72} = 1\frac{19}{72}$
- $\frac{1}{9} \times \frac{18}{7} \times 2\frac{2}{3} = \frac{144}{189} = \frac{16}{21}$
- $\frac{7}{6} \times \frac{1}{3} \times \frac{17}{8} = \frac{119}{144}$
- $\frac{1}{5} \times \frac{8}{3} \times \frac{32}{9} = \frac{256}{135} = 1\frac{121}{135}$
- $2\frac{3}{4} \times \frac{1}{6} \times \frac{25}{8} = \frac{275}{192} = 1\frac{83}{192}$
- $3\frac{1}{3} \times \frac{7}{8} \times \frac{25}{8} = \frac{1750}{192} = \frac{875}{96} = 9\frac{11}{96}$
- $3\frac{1}{3} \times \frac{4}{9} \times \frac{13}{4} = \frac{520}{108} = \frac{130}{27} = 4\frac{22}{27}$

Multiplying Mixed Fractions (F)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

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

2. $1\frac{3}{8} \times \frac{1}{6} \times \frac{25}{9} = \underline{\hspace{2cm}}$

3. $\frac{11}{3} \times 2\frac{5}{9} \times \frac{7}{8} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

4. $\frac{25}{8} \times \frac{1}{3} \times \frac{17}{7} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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

6. $\frac{1}{3} \times 1\frac{7}{8} \times \frac{17}{8} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

7. $\frac{24}{7} \times \frac{8}{7} \times \frac{6}{7} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

8. $1\frac{3}{8} \times \frac{5}{6} \times \frac{22}{9} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

9. $2\frac{3}{4} \times \frac{3}{7} \times \frac{23}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10. $\frac{1}{2} \times 2\frac{2}{9} \times 3\frac{1}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Multiplying Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $1\frac{2}{5} \times \frac{1}{3} \times 1\frac{3}{5} = \frac{56}{75}$

2. $1\frac{3}{8} \times \frac{1}{6} \times \frac{25}{9} = \frac{275}{432}$

3. $\frac{11}{3} \times 2\frac{5}{9} \times \frac{7}{8} = \frac{1771}{216} = 8\frac{43}{216}$

4. $\frac{25}{8} \times \frac{1}{3} \times \frac{17}{7} = \frac{425}{168} = 2\frac{89}{168}$

5. $\frac{2}{3} \times 1\frac{3}{4} \times 2\frac{2}{3} = \frac{112}{36} = \frac{28}{9} = 3\frac{1}{9}$

6. $\frac{1}{3} \times 1\frac{7}{8} \times \frac{17}{8} = \frac{255}{192} = \frac{85}{64} = 1\frac{21}{64}$

7. $\frac{24}{7} \times \frac{8}{7} \times \frac{6}{7} = \frac{1152}{343} = 3\frac{123}{343}$

8. $1\frac{3}{8} \times \frac{5}{6} \times \frac{22}{9} = \frac{1210}{432} = \frac{605}{216} = 2\frac{173}{216}$

9. $2\frac{3}{4} \times \frac{3}{7} \times \frac{23}{6} = \frac{759}{168} = \frac{253}{56} = 4\frac{29}{56}$

10. $\frac{1}{2} \times 2\frac{2}{9} \times 3\frac{1}{2} = \frac{140}{36} = \frac{35}{9} = 3\frac{8}{9}$

Multiplying Mixed Fractions (G)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{14}{5} \times 3\frac{2}{9} \times \frac{1}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $1\frac{1}{2} \times 2\frac{7}{8} \times \frac{5}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $\frac{15}{8} \times 3\frac{7}{9} \times \frac{1}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

6. $\frac{5}{6} \times 2\frac{5}{6} \times \frac{11}{4} = \underline{\quad} = \underline{\quad}$

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

8. $\frac{25}{7} \times \frac{5}{8} \times 2\frac{4}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{27}{8} \times 1\frac{1}{4} \times \frac{4}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

Multiplying Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

- $\frac{14}{5} \times 3\frac{2}{9} \times \frac{1}{6} = \frac{406}{270} = \frac{203}{135} = 1\frac{68}{135}$
- $1\frac{1}{2} \times 2\frac{7}{8} \times \frac{5}{6} = \frac{345}{96} = \frac{115}{32} = 3\frac{19}{32}$
- $\frac{15}{8} \times 3\frac{7}{9} \times \frac{1}{3} = \frac{510}{216} = \frac{85}{36} = 2\frac{13}{36}$
- $\frac{1}{4} \times 3\frac{2}{7} \times \frac{12}{5} = \frac{276}{140} = \frac{69}{35} = 1\frac{34}{35}$
- $2\frac{4}{7} \times \frac{1}{9} \times 1\frac{3}{4} = \frac{126}{252} = \frac{1}{2}$
- $\frac{5}{6} \times 2\frac{5}{6} \times \frac{11}{4} = \frac{935}{144} = 6\frac{71}{144}$
- $\frac{3}{4} \times 3\frac{3}{5} \times 1\frac{5}{6} = \frac{594}{120} = \frac{99}{20} = 4\frac{19}{20}$
- $\frac{25}{7} \times \frac{5}{8} \times 2\frac{4}{5} = \frac{1750}{280} = \frac{25}{4} = 6\frac{1}{4}$
- $\frac{27}{8} \times 1\frac{1}{4} \times \frac{4}{7} = \frac{540}{224} = \frac{135}{56} = 2\frac{23}{56}$
- $\frac{5}{2} \times \frac{2}{3} \times \frac{5}{3} = \frac{50}{18} = \frac{25}{9} = 2\frac{7}{9}$

Multiplying Mixed Fractions (H)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

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

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

3. $3\frac{7}{8} \times \frac{17}{5} \times \frac{5}{8} = \text{---} = \text{---} = \text{---}$

4. $\frac{27}{7} \times 3\frac{1}{3} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

5. $\frac{10}{3} \times 3\frac{1}{2} \times \frac{4}{5} = \text{---} = \text{---} = \text{---}$

6. $1\frac{5}{9} \times 2\frac{2}{3} \times \frac{1}{6} = \text{---} = \text{---}$

7. $\frac{3}{2} \times \frac{23}{8} \times \frac{7}{8} = \text{---} = \text{---}$

8. $\frac{14}{9} \times \frac{1}{5} \times 3\frac{1}{7} = \text{---} = \text{---}$

9. $\frac{8}{9} \times 3\frac{3}{5} \times 2\frac{1}{2} = \text{---} = \text{---} = \text{---}$

10. $\frac{5}{7} \times \frac{17}{9} \times 2\frac{2}{9} = \text{---} = \text{---}$

Multiplying Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $2\frac{1}{2} \times \frac{1}{2} \times 2\frac{2}{9} = \frac{100}{36} = \frac{25}{9} = 2\frac{7}{9}$

2. $\frac{3}{2} \times 2\frac{5}{6} \times \frac{2}{3} = \frac{102}{36} = \frac{17}{6} = 2\frac{5}{6}$

3. $3\frac{7}{8} \times \frac{17}{5} \times \frac{5}{8} = \frac{2635}{320} = \frac{527}{64} = 8\frac{15}{64}$

4. $\frac{27}{7} \times 3\frac{1}{3} \times \frac{3}{4} = \frac{810}{84} = \frac{135}{14} = 9\frac{9}{14}$

5. $\frac{10}{3} \times 3\frac{1}{2} \times \frac{4}{5} = \frac{280}{30} = \frac{28}{3} = 9\frac{1}{3}$

6. $1\frac{5}{9} \times 2\frac{2}{3} \times \frac{1}{6} = \frac{112}{162} = \frac{56}{81}$

7. $\frac{3}{2} \times \frac{23}{8} \times \frac{7}{8} = \frac{483}{128} = 3\frac{99}{128}$

8. $\frac{14}{9} \times \frac{1}{5} \times 3\frac{1}{7} = \frac{308}{315} = \frac{44}{45}$

9. $\frac{8}{9} \times 3\frac{3}{5} \times 2\frac{1}{2} = \frac{720}{90} = \frac{8}{1} = 8$

10. $\frac{5}{7} \times \frac{17}{9} \times 2\frac{2}{9} = \frac{1700}{567} = 2\frac{566}{567}$

Multiplying Mixed Fractions (I)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{1}{6} \times \frac{5}{4} \times \frac{11}{8} = \underline{\hspace{2cm}}$

2. $\frac{1}{3} \times \frac{26}{9} \times \frac{9}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3. $\frac{20}{9} \times \frac{5}{6} \times \frac{17}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

4. $3\frac{3}{5} \times \frac{1}{7} \times \frac{7}{5} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

5. $\frac{1}{2} \times \frac{16}{7} \times \frac{19}{7} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

6. $\frac{4}{5} \times 2\frac{1}{2} \times 1\frac{2}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

7. $\frac{3}{8} \times 3\frac{4}{9} \times \frac{7}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

8. $\frac{13}{5} \times \frac{4}{9} \times 3\frac{3}{5} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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

10. $\frac{1}{3} \times \frac{35}{9} \times \frac{5}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Multiplying Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{1}{6} \times \frac{5}{4} \times \frac{11}{8} = \frac{55}{192}$

2. $\frac{1}{3} \times \frac{26}{9} \times \frac{9}{4} = \frac{234}{108} = \frac{13}{6} = 2\frac{1}{6}$

3. $\frac{20}{9} \times \frac{5}{6} \times \frac{17}{6} = \frac{1700}{324} = \frac{425}{81} = 5\frac{20}{81}$

4. $3\frac{3}{5} \times \frac{1}{7} \times \frac{7}{5} = \frac{126}{175} = \frac{18}{25}$

5. $\frac{1}{2} \times \frac{16}{7} \times \frac{19}{7} = \frac{304}{98} = \frac{152}{49} = 3\frac{5}{49}$

6. $\frac{4}{5} \times 2\frac{1}{2} \times 1\frac{2}{3} = \frac{100}{30} = \frac{10}{3} = 3\frac{1}{3}$

7. $\frac{3}{8} \times 3\frac{4}{9} \times \frac{7}{4} = \frac{651}{288} = \frac{217}{96} = 2\frac{25}{96}$

8. $\frac{13}{5} \times \frac{4}{9} \times 3\frac{3}{5} = \frac{936}{225} = \frac{104}{25} = 4\frac{4}{25}$

9. $\frac{1}{4} \times 2\frac{1}{3} \times \frac{3}{2} = \frac{21}{24} = \frac{7}{8}$

10. $\frac{1}{3} \times \frac{35}{9} \times \frac{5}{4} = \frac{175}{108} = 1\frac{67}{108}$

Multiplying Mixed Fractions (J)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{11}{4} \times \frac{1}{6} \times \frac{17}{8} = \underline{\hspace{2cm}}$

2. $\frac{17}{8} \times \frac{31}{8} \times \frac{2}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3. $3\frac{5}{7} \times \frac{2}{3} \times \frac{13}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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

5. $\frac{13}{6} \times \frac{3}{7} \times 3\frac{4}{5} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

6. $\frac{1}{3} \times 2\frac{5}{7} \times \frac{5}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

7. $\frac{19}{7} \times \frac{1}{2} \times \frac{11}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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

9. $\frac{8}{3} \times \frac{3}{4} \times 1\frac{8}{9} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10. $\frac{1}{6} \times 2\frac{1}{4} \times 2\frac{1}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Multiplying Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\frac{11}{4} \times \frac{1}{6} \times \frac{17}{8} = \frac{187}{192}$

2. $\frac{17}{8} \times \frac{31}{8} \times \frac{2}{3} = \frac{1054}{192} = \frac{527}{96} = 5 \frac{47}{96}$

3. $3 \frac{5}{7} \times \frac{2}{3} \times \frac{13}{6} = \frac{676}{126} = \frac{338}{63} = 5 \frac{23}{63}$

4. $2 \frac{1}{3} \times \frac{2}{3} \times \frac{3}{2} = \frac{42}{18} = \frac{7}{3} = 2 \frac{1}{3}$

5. $\frac{13}{6} \times \frac{3}{7} \times 3 \frac{4}{5} = \frac{741}{210} = \frac{247}{70} = 3 \frac{37}{70}$

6. $\frac{1}{3} \times 2 \frac{5}{7} \times \frac{5}{2} = \frac{95}{42} = 2 \frac{11}{42}$

7. $\frac{19}{7} \times \frac{1}{2} \times \frac{11}{6} = \frac{209}{84} = 2 \frac{41}{84}$

8. $\frac{1}{2} \times \frac{5}{3} \times 1 \frac{1}{3} = \frac{20}{18} = \frac{10}{9} = 1 \frac{1}{9}$

9. $\frac{8}{3} \times \frac{3}{4} \times 1 \frac{8}{9} = \frac{408}{108} = \frac{34}{9} = 3 \frac{7}{9}$

10. $\frac{1}{6} \times 2 \frac{1}{4} \times 2 \frac{1}{3} = \frac{63}{72} = \frac{7}{8}$