

Multiplying Fractions and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

10. $5\frac{3}{8} \times \frac{8}{9} = \text{---} = \text{---} = \text{---}$

Multiplying Fractions and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____ /10

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

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

2. $\frac{1}{8} \times 5\frac{5}{6} = \frac{35}{48}$

3. $1\frac{1}{5} \times \frac{6}{7} = \frac{36}{35} = 1\frac{1}{35}$

4. $\frac{2}{3} \times 2\frac{2}{3} = \frac{16}{9} = 1\frac{7}{9}$

5. $\frac{1}{5} \times 2\frac{4}{5} = \frac{14}{25}$

6. $\frac{5}{7} \times 5\frac{1}{5} = \frac{130}{35} = \frac{26}{7} = 3\frac{5}{7}$

7. $\frac{4}{5} \times 4\frac{5}{9} = \frac{164}{45} = 3\frac{29}{45}$

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

9. $\frac{1}{2} \times 1\frac{6}{7} = \frac{13}{14}$

10. $5\frac{3}{8} \times \frac{8}{9} = \frac{344}{72} = \frac{43}{9} = 4\frac{7}{9}$

Multiplying Fractions and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

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

Multiplying Fractions and Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $\frac{5}{6} \times 2\frac{4}{7} = \frac{90}{42} = \frac{15}{7} = 2\frac{1}{7}$

2. $\frac{2}{5} \times 2\frac{1}{8} = \frac{34}{40} = \frac{17}{20}$

3. $\frac{7}{8} \times 3\frac{4}{9} = \frac{217}{72} = 3\frac{1}{72}$

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

5. $1\frac{5}{6} \times \frac{6}{7} = \frac{66}{42} = \frac{11}{7} = 1\frac{4}{7}$

6. $\frac{2}{5} \times 2\frac{1}{6} = \frac{26}{30} = \frac{13}{15}$

7. $\frac{3}{7} \times 3\frac{5}{8} = \frac{87}{56} = 1\frac{31}{56}$

8. $\frac{5}{6} \times 2\frac{4}{7} = \frac{90}{42} = \frac{15}{7} = 2\frac{1}{7}$

9. $1\frac{1}{6} \times \frac{3}{4} = \frac{21}{24} = \frac{7}{8}$

10. $\frac{1}{2} \times 1\frac{1}{6} = \frac{7}{12}$

Multiplying Fractions and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

8. $2\frac{2}{5} \times \frac{3}{7} = \text{---} = \text{---}$

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

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

Multiplying Fractions and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $\frac{2}{3} \times 5\frac{8}{9} = \frac{106}{27} = 3\frac{25}{27}$

2. $\frac{3}{7} \times 5\frac{3}{4} = \frac{69}{28} = 2\frac{13}{28}$

3. $2\frac{1}{8} \times \frac{1}{6} = \frac{17}{48}$

4. $\frac{6}{7} \times 1\frac{2}{3} = \frac{30}{21} = \frac{10}{7} = 1\frac{3}{7}$

5. $\frac{3}{8} \times 1\frac{6}{7} = \frac{39}{56}$

6. $\frac{1}{6} \times 1\frac{3}{4} = \frac{7}{24}$

7. $\frac{5}{6} \times 1\frac{1}{9} = \frac{50}{54} = \frac{25}{27}$

8. $2\frac{2}{5} \times \frac{3}{7} = \frac{36}{35} = 1\frac{1}{35}$

9. $\frac{1}{6} \times 1\frac{5}{9} = \frac{14}{54} = \frac{7}{27}$

10. $\frac{2}{3} \times 4\frac{4}{5} = \frac{48}{15} = \frac{16}{5} = 3\frac{1}{5}$

Multiplying Fractions and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

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

Multiplying Fractions and Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $3\frac{5}{6} \times \frac{1}{9} = \frac{23}{54}$

2. $1\frac{6}{7} \times \frac{7}{9} = \frac{91}{63} = \frac{13}{9} = 1\frac{4}{9}$

3. $2\frac{3}{8} \times \frac{3}{7} = \frac{57}{56} = 1\frac{1}{56}$

4. $1\frac{5}{9} \times \frac{1}{6} = \frac{14}{54} = \frac{7}{27}$

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

6. $1\frac{1}{4} \times \frac{1}{6} = \frac{5}{24}$

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

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

9. $4\frac{4}{5} \times \frac{8}{9} = \frac{192}{45} = \frac{64}{15} = 4\frac{4}{15}$

10. $\frac{3}{4} \times 3\frac{4}{7} = \frac{75}{28} = 2\frac{19}{28}$

Multiplying Fractions and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

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

Multiplying Fractions and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $\frac{1}{6} \times 2\frac{3}{5} = \frac{13}{30}$

2. $2\frac{3}{5} \times \frac{1}{2} = \frac{13}{10} = 1\frac{3}{10}$

3. $2\frac{5}{8} \times \frac{3}{5} = \frac{63}{40} = 1\frac{23}{40}$

4. $5\frac{1}{2} \times \frac{1}{8} = \frac{11}{16}$

5. $3\frac{1}{6} \times \frac{1}{2} = \frac{19}{12} = 1\frac{7}{12}$

6. $\frac{5}{6} \times 3\frac{5}{6} = \frac{115}{36} = 3\frac{7}{36}$

7. $\frac{5}{8} \times 2\frac{3}{4} = \frac{55}{32} = 1\frac{23}{32}$

8. $\frac{1}{3} \times 2\frac{1}{6} = \frac{13}{18}$

9. $4\frac{1}{2} \times \frac{1}{6} = \frac{9}{12} = \frac{3}{4}$

10. $\frac{1}{6} \times 5\frac{1}{4} = \frac{21}{24} = \frac{7}{8}$

Multiplying Fractions and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

10. $4\frac{3}{8} \times \frac{1}{2} = \text{---} = \text{---}$

Multiplying Fractions and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $1\frac{8}{9} \times \frac{1}{3} = \frac{17}{27}$

2. $3\frac{5}{6} \times \frac{2}{5} = \frac{46}{30} = \frac{23}{15} = 1\frac{8}{15}$

3. $5\frac{3}{4} \times \frac{1}{7} = \frac{23}{28}$

4. $3\frac{2}{3} \times \frac{1}{2} = \frac{11}{6} = 1\frac{5}{6}$

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

6. $\frac{1}{9} \times 2\frac{3}{8} = \frac{19}{72}$

7. $\frac{1}{7} \times 4\frac{5}{7} = \frac{33}{49}$

8. $2\frac{3}{4} \times \frac{1}{9} = \frac{11}{36}$

9. $\frac{1}{2} \times 4\frac{1}{4} = \frac{17}{8} = 2\frac{1}{8}$

10. $4\frac{3}{8} \times \frac{1}{2} = \frac{35}{16} = 2\frac{3}{16}$

Multiplying Fractions and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

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

Multiplying Fractions and Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $\frac{2}{5} \times 2\frac{1}{6} = \frac{26}{30} = \frac{13}{15}$

2. $\frac{4}{9} \times 2\frac{5}{6} = \frac{68}{54} = \frac{34}{27} = 1\frac{7}{27}$

3. $4\frac{3}{4} \times \frac{3}{7} = \frac{57}{28} = 2\frac{1}{28}$

4. $\frac{3}{5} \times 1\frac{1}{7} = \frac{24}{35}$

5. $3\frac{2}{3} \times \frac{1}{7} = \frac{11}{21}$

6. $5\frac{1}{6} \times \frac{3}{4} = \frac{93}{24} = \frac{31}{8} = 3\frac{7}{8}$

7. $\frac{4}{7} \times 1\frac{7}{8} = \frac{60}{56} = \frac{15}{14} = 1\frac{1}{14}$

8. $\frac{5}{9} \times 4\frac{3}{4} = \frac{95}{36} = 2\frac{23}{36}$

9. $\frac{5}{6} \times 3\frac{5}{6} = \frac{115}{36} = 3\frac{7}{36}$

10. $\frac{2}{5} \times 5\frac{5}{6} = \frac{70}{30} = \frac{7}{3} = 2\frac{1}{3}$

Multiplying Fractions and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

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

Multiplying Fractions and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $3\frac{3}{5} \times \frac{1}{7} = \frac{18}{35}$

2. $2\frac{5}{9} \times \frac{2}{3} = \frac{46}{27} = 1\frac{19}{27}$

3. $5\frac{5}{7} \times \frac{2}{3} = \frac{80}{21} = 3\frac{17}{21}$

4. $5\frac{3}{4} \times \frac{1}{3} = \frac{23}{12} = 1\frac{11}{12}$

5. $5\frac{1}{9} \times \frac{4}{9} = \frac{184}{81} = 2\frac{22}{81}$

6. $\frac{1}{3} \times 5\frac{1}{3} = \frac{16}{9} = 1\frac{7}{9}$

7. $\frac{4}{9} \times 3\frac{7}{8} = \frac{124}{72} = \frac{31}{18} = 1\frac{13}{18}$

8. $4\frac{1}{5} \times \frac{4}{9} = \frac{84}{45} = \frac{28}{15} = 1\frac{13}{15}$

9. $\frac{1}{6} \times 4\frac{1}{5} = \frac{21}{30} = \frac{7}{10}$

10. $\frac{3}{8} \times 4\frac{3}{4} = \frac{57}{32} = 1\frac{25}{32}$

Multiplying Fractions and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

4. $5\frac{6}{7} \times \frac{2}{9} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

Multiplying Fractions and Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $\frac{7}{9} \times 1\frac{3}{7} = \frac{70}{63} = \frac{10}{9} = 1\frac{1}{9}$

2. $4\frac{1}{7} \times \frac{1}{9} = \frac{29}{63}$

3. $4\frac{1}{3} \times \frac{3}{5} = \frac{39}{15} = \frac{13}{5} = 2\frac{3}{5}$

4. $5\frac{6}{7} \times \frac{2}{9} = \frac{82}{63} = 1\frac{19}{63}$

5. $5\frac{7}{8} \times \frac{5}{6} = \frac{235}{48} = 4\frac{43}{48}$

6. $\frac{4}{5} \times 3\frac{7}{9} = \frac{136}{45} = 3\frac{1}{45}$

7. $3\frac{1}{4} \times \frac{2}{3} = \frac{26}{12} = \frac{13}{6} = 2\frac{1}{6}$

8. $5\frac{1}{3} \times \frac{1}{3} = \frac{16}{9} = 1\frac{7}{9}$

9. $4\frac{1}{6} \times \frac{6}{7} = \frac{150}{42} = \frac{25}{7} = 3\frac{4}{7}$

10. $\frac{5}{7} \times 4\frac{1}{4} = \frac{85}{28} = 3\frac{1}{28}$

Multiplying Fractions and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____ /10

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

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

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

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

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

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

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

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

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

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

10. $4\frac{7}{8} \times \frac{7}{8} = \text{---} = \text{---}$

Multiplying Fractions and Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____ /10

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

1. $1\frac{2}{5} \times \frac{2}{7} = \frac{14}{35} = \frac{2}{5}$

2. $\frac{3}{4} \times 5\frac{1}{3} = \frac{48}{12} = \frac{4}{1} = 4$

3. $\frac{1}{2} \times 2\frac{3}{5} = \frac{13}{10} = 1\frac{3}{10}$

4. $\frac{7}{8} \times 5\frac{1}{4} = \frac{147}{32} = 4\frac{19}{32}$

5. $5\frac{5}{8} \times \frac{4}{5} = \frac{180}{40} = \frac{9}{2} = 4\frac{1}{2}$

6. $\frac{2}{3} \times 2\frac{7}{8} = \frac{46}{24} = \frac{23}{12} = 1\frac{11}{12}$

7. $2\frac{1}{2} \times \frac{5}{7} = \frac{25}{14} = 1\frac{11}{14}$

8. $\frac{3}{4} \times 4\frac{4}{7} = \frac{96}{28} = \frac{24}{7} = 3\frac{3}{7}$

9. $\frac{1}{5} \times 3\frac{5}{6} = \frac{23}{30}$

10. $4\frac{7}{8} \times \frac{7}{8} = \frac{273}{64} = 4\frac{17}{64}$