

# Multiplying Fractions and Whole Numbers (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{1}{2} \times 4 \times \frac{14}{9} = \text{---} = \text{---} = \text{---}$

2.  $8 \times \frac{11}{9} \times \frac{1}{7} = \text{---} = \text{---}$

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

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

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

6.  $\frac{19}{9} \times \frac{1}{3} \times 6 = \text{---} = \text{---} = \text{---}$

7.  $7 \times \frac{1}{5} \times \frac{13}{4} = \text{---} = \text{---}$

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

9.  $\frac{12}{7} \times 6 \times \frac{1}{3} = \text{---} = \text{---} = \text{---}$

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

## Multiplying Fractions and Whole Numbers (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{1}{2} \times 4 \times \frac{14}{9} = \frac{56}{18} = \frac{28}{9} = 3\frac{1}{9}$

2.  $8 \times \frac{11}{9} \times \frac{1}{7} = \frac{88}{63} = 1\frac{25}{63}$

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

4.  $\frac{5}{7} \times \frac{5}{2} \times 9 = \frac{225}{14} = 16\frac{1}{14}$

5.  $2 \times \frac{7}{5} \times \frac{3}{5} = \frac{42}{25} = 1\frac{17}{25}$

6.  $\frac{19}{9} \times \frac{1}{3} \times 6 = \frac{114}{27} = \frac{38}{9} = 4\frac{2}{9}$

7.  $7 \times \frac{1}{5} \times \frac{13}{4} = \frac{91}{20} = 4\frac{11}{20}$

8.  $9 \times \frac{1}{6} \times \frac{23}{9} = \frac{207}{54} = \frac{23}{6} = 3\frac{5}{6}$

9.  $\frac{12}{7} \times 6 \times \frac{1}{3} = \frac{72}{21} = \frac{24}{7} = 3\frac{3}{7}$

10.  $\frac{3}{5} \times 8 \times \frac{3}{2} = \frac{72}{10} = \frac{36}{5} = 7\frac{1}{5}$

# Multiplying Fractions and Whole Numbers (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{20}{7} \times 5 \times \frac{7}{9} = \text{---} = \text{---} = \text{---}$

2.  $2 \times \frac{19}{9} \times \frac{2}{3} = \text{---} = \text{---}$

3.  $\frac{5}{6} \times \frac{21}{8} \times 3 = \text{---} = \text{---} = \text{---}$

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

5.  $8 \times \frac{26}{9} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

6.  $\frac{11}{8} \times \frac{4}{7} \times 3 = \text{---} = \text{---} = \text{---}$

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

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

9.  $\frac{11}{3} \times \frac{2}{9} \times 7 = \text{---} = \text{---}$

10.  $3 \times \frac{4}{9} \times \frac{13}{7} = \text{---} = \text{---} = \text{---}$

## Multiplying Fractions and Whole Numbers (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{20}{7} \times 5 \times \frac{7}{9} = \frac{700}{63} = \frac{100}{9} = 11\frac{1}{9}$

2.  $2 \times \frac{19}{9} \times \frac{2}{3} = \frac{76}{27} = 2\frac{22}{27}$

3.  $\frac{5}{6} \times \frac{21}{8} \times 3 = \frac{315}{48} = \frac{105}{16} = 6\frac{9}{16}$

4.  $\frac{1}{2} \times 9 \times \frac{13}{4} = \frac{117}{8} = 14\frac{5}{8}$

5.  $8 \times \frac{26}{9} \times \frac{3}{4} = \frac{624}{36} = \frac{52}{3} = 17\frac{1}{3}$

6.  $\frac{11}{8} \times \frac{4}{7} \times 3 = \frac{132}{56} = \frac{33}{14} = 2\frac{5}{14}$

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

8.  $\frac{2}{5} \times \frac{7}{4} \times 4 = \frac{56}{20} = \frac{14}{5} = 2\frac{4}{5}$

9.  $\frac{11}{3} \times \frac{2}{9} \times 7 = \frac{154}{27} = 5\frac{19}{27}$

10.  $3 \times \frac{4}{9} \times \frac{13}{7} = \frac{156}{63} = \frac{52}{21} = 2\frac{10}{21}$

# Multiplying Fractions and Whole Numbers (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

2.  $\frac{2}{3} \times \frac{11}{8} \times 6 = \text{---} = \text{---} = \text{---}$

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

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

5.  $3 \times \frac{2}{9} \times \frac{20}{7} = \text{---} = \text{---} = \text{---}$

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

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

8.  $8 \times \frac{5}{6} \times \frac{20}{7} = \text{---} = \text{---} = \text{---}$

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

10.  $\frac{27}{8} \times \frac{1}{8} \times 3 = \text{---} = \text{---}$

## Multiplying Fractions and Whole Numbers (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

- $\frac{7}{6} \times \frac{7}{8} \times 2 = \frac{98}{48} = \frac{49}{24} = 2\frac{1}{24}$
- $\frac{2}{3} \times \frac{11}{8} \times 6 = \frac{132}{24} = \frac{11}{2} = 5\frac{1}{2}$
- $\frac{1}{2} \times \frac{7}{2} \times 4 = \frac{28}{4} = \frac{7}{1} = 7$
- $6 \times \frac{3}{7} \times \frac{5}{3} = \frac{90}{21} = \frac{30}{7} = 4\frac{2}{7}$
- $3 \times \frac{2}{9} \times \frac{20}{7} = \frac{120}{63} = \frac{40}{21} = 1\frac{19}{21}$
- $8 \times \frac{9}{8} \times \frac{7}{9} = \frac{504}{72} = \frac{7}{1} = 7$
- $6 \times \frac{4}{3} \times \frac{1}{2} = \frac{24}{6} = \frac{4}{1} = 4$
- $8 \times \frac{5}{6} \times \frac{20}{7} = \frac{800}{42} = \frac{400}{21} = 19\frac{1}{21}$
- $\frac{2}{7} \times \frac{5}{2} \times 2 = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$
- $\frac{27}{8} \times \frac{1}{8} \times 3 = \frac{81}{64} = 1\frac{17}{64}$

# Multiplying Fractions and Whole Numbers (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

2.  $\frac{16}{5} \times \frac{1}{2} \times 3 = \text{---} = \text{---} = \text{---}$

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

4.  $\frac{13}{8} \times 2 \times \frac{1}{3} = \text{---} = \text{---} = \text{---}$

5.  $\frac{17}{5} \times 7 \times \frac{1}{3} = \text{---} = \text{---}$

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

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

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

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

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

## Multiplying Fractions and Whole Numbers (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{3}{2} \times 3 \times \frac{3}{4} = \frac{27}{8} = 3\frac{3}{8}$

2.  $\frac{16}{5} \times \frac{1}{2} \times 3 = \frac{48}{10} = \frac{24}{5} = 4\frac{4}{5}$

3.  $2 \times \frac{7}{3} \times \frac{2}{3} = \frac{28}{9} = 3\frac{1}{9}$

4.  $\frac{13}{8} \times 2 \times \frac{1}{3} = \frac{26}{24} = \frac{13}{12} = 1\frac{1}{12}$

5.  $\frac{17}{5} \times 7 \times \frac{1}{3} = \frac{119}{15} = 7\frac{14}{15}$

6.  $8 \times \frac{7}{5} \times \frac{2}{7} = \frac{112}{35} = \frac{16}{5} = 3\frac{1}{5}$

7.  $\frac{8}{3} \times \frac{3}{8} \times 7 = \frac{168}{24} = \frac{7}{1} = 7$

8.  $\frac{2}{7} \times \frac{15}{4} \times 8 = \frac{240}{28} = \frac{60}{7} = 8\frac{4}{7}$

9.  $2 \times \frac{1}{2} \times \frac{10}{3} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$

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



# Multiplying Fractions and Whole Numbers (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

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

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

4.  $2 \times \frac{11}{4} \times \frac{1}{4} = \text{---} = \text{---} = \text{---}$

5.  $\frac{13}{6} \times \frac{2}{3} \times 2 = \text{---} = \text{---} = \text{---}$

6.  $5 \times \frac{34}{9} \times \frac{1}{2} = \text{---} = \text{---} = \text{---}$

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

8.  $\frac{1}{2} \times \frac{15}{4} \times 4 = \text{---} = \text{---} = \text{---}$

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

10.  $8 \times \frac{17}{7} \times \frac{1}{6} = \text{---} = \text{---} = \text{---}$

## Multiplying Fractions and Whole Numbers (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

- $9 \times \frac{17}{6} \times \frac{1}{6} = \frac{153}{36} = \frac{17}{4} = 4\frac{1}{4}$
- $\frac{5}{2} \times 5 \times \frac{5}{6} = \frac{125}{12} = 10\frac{5}{12}$
- $7 \times \frac{3}{2} \times \frac{7}{9} = \frac{147}{18} = \frac{49}{6} = 8\frac{1}{6}$
- $2 \times \frac{11}{4} \times \frac{1}{4} = \frac{22}{16} = \frac{11}{8} = 1\frac{3}{8}$
- $\frac{13}{6} \times \frac{2}{3} \times 2 = \frac{52}{18} = \frac{26}{9} = 2\frac{8}{9}$
- $5 \times \frac{34}{9} \times \frac{1}{2} = \frac{170}{18} = \frac{85}{9} = 9\frac{4}{9}$
- $\frac{1}{6} \times \frac{7}{2} \times 6 = \frac{42}{12} = \frac{7}{2} = 3\frac{1}{2}$
- $\frac{1}{2} \times \frac{15}{4} \times 4 = \frac{60}{8} = \frac{15}{2} = 7\frac{1}{2}$
- $8 \times \frac{1}{2} \times \frac{4}{3} = \frac{32}{6} = \frac{16}{3} = 5\frac{1}{3}$
- $8 \times \frac{17}{7} \times \frac{1}{6} = \frac{136}{42} = \frac{68}{21} = 3\frac{5}{21}$

# Multiplying Fractions and Whole Numbers (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

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

3.  $\frac{1}{8} \times 8 \times \frac{25}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{4}{5} \times 3 \times \frac{13}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $8 \times \frac{25}{7} \times \frac{1}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{26}{9} \times 7 \times \frac{1}{2} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

9.  $\frac{23}{6} \times 6 \times \frac{3}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{23}{8} \times \frac{1}{2} \times 5 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

# Multiplying Fractions and Whole Numbers (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $8 \times \frac{5}{8} \times \frac{7}{5} = \frac{280}{40} = \frac{7}{1} = 7$

2.  $2 \times \frac{1}{2} \times \frac{8}{7} = \frac{16}{14} = \frac{8}{7} = 1\frac{1}{7}$

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

4.  $\frac{4}{5} \times 3 \times \frac{13}{8} = \frac{156}{40} = \frac{39}{10} = 3\frac{9}{10}$

5.  $8 \times \frac{25}{7} \times \frac{1}{9} = \frac{200}{63} = 3\frac{11}{63}$

6.  $\frac{26}{9} \times 7 \times \frac{1}{2} = \frac{182}{18} = \frac{91}{9} = 10\frac{1}{9}$

7.  $\frac{4}{5} \times 4 \times \frac{5}{3} = \frac{80}{15} = \frac{16}{3} = 5\frac{1}{3}$

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

9.  $\frac{23}{6} \times 6 \times \frac{3}{4} = \frac{414}{24} = \frac{69}{4} = 17\frac{1}{4}$

10.  $\frac{23}{8} \times \frac{1}{2} \times 5 = \frac{115}{16} = 7\frac{3}{16}$

# Multiplying Fractions and Whole Numbers (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

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

3.  $\frac{1}{3} \times 6 \times \frac{19}{9} = \text{---} = \text{---} = \text{---}$

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

5.  $\frac{14}{5} \times 6 \times \frac{1}{6} = \text{---} = \text{---} = \text{---}$

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

7.  $2 \times \frac{5}{9} \times \frac{11}{4} = \text{---} = \text{---} = \text{---}$

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

9.  $\frac{22}{7} \times 9 \times \frac{4}{9} = \text{---} = \text{---} = \text{---}$

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

## Multiplying Fractions and Whole Numbers (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

2.  $\frac{7}{3} \times \frac{2}{3} \times 9 = \frac{126}{9} = \frac{14}{1} = 14$

3.  $\frac{1}{3} \times 6 \times \frac{19}{9} = \frac{114}{27} = \frac{38}{9} = 4\frac{2}{9}$

4.  $\frac{5}{2} \times 4 \times \frac{2}{9} = \frac{40}{18} = \frac{20}{9} = 2\frac{2}{9}$

5.  $\frac{14}{5} \times 6 \times \frac{1}{6} = \frac{84}{30} = \frac{14}{5} = 2\frac{4}{5}$

6.  $\frac{7}{9} \times \frac{7}{2} \times 6 = \frac{294}{18} = \frac{49}{3} = 16\frac{1}{3}$

7.  $2 \times \frac{5}{9} \times \frac{11}{4} = \frac{110}{36} = \frac{55}{18} = 3\frac{1}{18}$

8.  $\frac{7}{5} \times 3 \times \frac{3}{7} = \frac{63}{35} = \frac{9}{5} = 1\frac{4}{5}$

9.  $\frac{22}{7} \times 9 \times \frac{4}{9} = \frac{792}{63} = \frac{88}{7} = 12\frac{4}{7}$

10.  $\frac{1}{2} \times \frac{13}{6} \times 4 = \frac{52}{12} = \frac{13}{3} = 4\frac{1}{3}$

# Multiplying Fractions and Whole Numbers (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

2.  $\frac{16}{7} \times 7 \times \frac{5}{6} = \text{---} = \text{---} = \text{---}$

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

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

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

6.  $\frac{19}{7} \times 3 \times \frac{7}{9} = \text{---} = \text{---} = \text{---}$

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

8.  $\frac{1}{2} \times \frac{14}{5} \times 2 = \text{---} = \text{---} = \text{---}$

9.  $\frac{1}{6} \times 9 \times \frac{29}{8} = \text{---} = \text{---} = \text{---}$

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

## Multiplying Fractions and Whole Numbers (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

- $\frac{18}{5} \times \frac{2}{7} \times 7 = \frac{252}{35} = \frac{36}{5} = 7\frac{1}{5}$
- $\frac{16}{7} \times 7 \times \frac{5}{6} = \frac{560}{42} = \frac{40}{3} = 13\frac{1}{3}$
- $4 \times \frac{1}{7} \times \frac{11}{4} = \frac{44}{28} = \frac{11}{7} = 1\frac{4}{7}$
- $\frac{7}{2} \times 8 \times \frac{3}{8} = \frac{168}{16} = \frac{21}{2} = 10\frac{1}{2}$
- $2 \times \frac{1}{5} \times \frac{8}{7} = \frac{16}{35}$
- $\frac{19}{7} \times 3 \times \frac{7}{9} = \frac{399}{63} = \frac{19}{3} = 6\frac{1}{3}$
- $\frac{3}{5} \times 7 \times \frac{7}{6} = \frac{147}{30} = \frac{49}{10} = 4\frac{9}{10}$
- $\frac{1}{2} \times \frac{14}{5} \times 2 = \frac{28}{10} = \frac{14}{5} = 2\frac{4}{5}$
- $\frac{1}{6} \times 9 \times \frac{29}{8} = \frac{261}{48} = \frac{87}{16} = 5\frac{7}{16}$
- $\frac{17}{5} \times \frac{1}{9} \times 6 = \frac{102}{45} = \frac{34}{15} = 2\frac{4}{15}$



# Multiplying Fractions and Whole Numbers (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{8}{9} \times 2 \times \frac{13}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $9 \times \frac{13}{4} \times \frac{1}{2} = \underline{\quad} = \underline{\quad}$

3.  $3 \times \frac{15}{4} \times \frac{7}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{1}{2} \times 2 \times \frac{19}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{23}{6} \times 8 \times \frac{5}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7.  $\frac{1}{2} \times 6 \times \frac{25}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{16}{7} \times \frac{1}{7} \times 5 = \underline{\quad} = \underline{\quad}$

9.  $9 \times \frac{1}{8} \times \frac{16}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $9 \times \frac{5}{8} \times \frac{14}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

# Multiplying Fractions and Whole Numbers (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $\frac{8}{9} \times 2 \times \frac{13}{4} = \frac{208}{36} = \frac{52}{9} = 5\frac{7}{9}$

2.  $9 \times \frac{13}{4} \times \frac{1}{2} = \frac{117}{8} = 14\frac{5}{8}$

3.  $3 \times \frac{15}{4} \times \frac{7}{9} = \frac{315}{36} = \frac{35}{4} = 8\frac{3}{4}$

4.  $\frac{1}{2} \times 2 \times \frac{19}{8} = \frac{38}{16} = \frac{19}{8} = 2\frac{3}{8}$

5.  $\frac{23}{6} \times 8 \times \frac{5}{6} = \frac{920}{36} = \frac{230}{9} = 25\frac{5}{9}$

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

7.  $\frac{1}{2} \times 6 \times \frac{25}{9} = \frac{150}{18} = \frac{25}{3} = 8\frac{1}{3}$

8.  $\frac{16}{7} \times \frac{1}{7} \times 5 = \frac{80}{49} = 1\frac{31}{49}$

9.  $9 \times \frac{1}{8} \times \frac{16}{7} = \frac{144}{56} = \frac{18}{7} = 2\frac{4}{7}$

10.  $9 \times \frac{5}{8} \times \frac{14}{5} = \frac{630}{40} = \frac{63}{4} = 15\frac{3}{4}$

# Multiplying Fractions and Whole Numbers (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

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

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

3.  $4 \times \frac{18}{5} \times \frac{1}{2} = \text{---} = \text{---} = \text{---}$

4.  $7 \times \frac{2}{3} \times \frac{10}{3} = \text{---} = \text{---}$

5.  $7 \times \frac{16}{5} \times \frac{2}{3} = \text{---} = \text{---}$

6.  $2 \times \frac{29}{9} \times \frac{2}{9} = \text{---} = \text{---}$

7.  $9 \times \frac{20}{9} \times \frac{5}{8} = \text{---} = \text{---} = \text{---}$

8.  $9 \times \frac{7}{6} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

9.  $\frac{17}{6} \times \frac{2}{3} \times 7 = \text{---} = \text{---} = \text{---}$

10.  $\frac{5}{6} \times \frac{9}{8} \times 6 = \text{---} = \text{---} = \text{---}$

# Multiplying Fractions and Whole Numbers (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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

1.  $5 \times \frac{9}{4} \times \frac{1}{2} = \frac{45}{8} = 5\frac{5}{8}$

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

3.  $4 \times \frac{18}{5} \times \frac{1}{2} = \frac{72}{10} = \frac{36}{5} = 7\frac{1}{5}$

4.  $7 \times \frac{2}{3} \times \frac{10}{3} = \frac{140}{9} = 15\frac{5}{9}$

5.  $7 \times \frac{16}{5} \times \frac{2}{3} = \frac{224}{15} = 14\frac{14}{15}$

6.  $2 \times \frac{29}{9} \times \frac{2}{9} = \frac{116}{81} = 1\frac{35}{81}$

7.  $9 \times \frac{20}{9} \times \frac{5}{8} = \frac{900}{72} = \frac{25}{2} = 12\frac{1}{2}$

8.  $9 \times \frac{7}{6} \times \frac{3}{4} = \frac{189}{24} = \frac{63}{8} = 7\frac{7}{8}$

9.  $\frac{17}{6} \times \frac{2}{3} \times 7 = \frac{238}{18} = \frac{119}{9} = 13\frac{2}{9}$

10.  $\frac{5}{6} \times \frac{9}{8} \times 6 = \frac{270}{48} = \frac{45}{8} = 5\frac{5}{8}$