

# Multiplying Fractions by Whole Numbers (A)

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

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

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

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

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

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

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

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

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

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

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

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

9.  $9 \times \frac{25}{9} = \text{---} = \text{---} =$

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

## Multiplying Fractions by Whole Numbers (A) Answers

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

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

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

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

- $\frac{3}{2} \times 2 = \frac{6}{2} = \frac{3}{1} = 3$
- $\frac{5}{2} \times 3 = \frac{15}{2} = 7\frac{1}{2}$
- $\frac{1}{2} \times 6 = \frac{6}{2} = \frac{3}{1} = 3$
- $\frac{7}{6} \times 2 = \frac{14}{6} = \frac{7}{3} = 2\frac{1}{3}$
- $8 \times \frac{1}{4} = \frac{8}{4} = \frac{2}{1} = 2$
- $\frac{1}{6} \times 4 = \frac{4}{6} = \frac{2}{3}$
- $\frac{23}{8} \times 3 = \frac{69}{8} = 8\frac{5}{8}$
- $\frac{7}{4} \times 9 = \frac{63}{4} = 15\frac{3}{4}$
- $9 \times \frac{25}{9} = \frac{225}{9} = \frac{25}{1} = 25$
- $\frac{4}{3} \times 3 = \frac{12}{3} = \frac{4}{1} = 4$

# Multiplying Fractions by Whole Numbers (B)

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

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

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

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

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

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

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

4.  $8 \times \frac{12}{5} = \text{---} = \text{---}$

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

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

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

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

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

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

## Multiplying Fractions by Whole Numbers (B) Answers

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

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

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

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

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

2.  $8 \times \frac{6}{5} = \frac{48}{5} = 9\frac{3}{5}$

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

4.  $8 \times \frac{12}{5} = \frac{96}{5} = 19\frac{1}{5}$

5.  $9 \times \frac{11}{7} = \frac{99}{7} = 14\frac{1}{7}$

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

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

8.  $\frac{11}{8} \times 4 = \frac{44}{8} = \frac{11}{2} = 5\frac{1}{2}$

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

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

# Multiplying Fractions by Whole Numbers (C)

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

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

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

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

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

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

3.  $\frac{19}{7} \times 4 = \text{---} = \text{---}$

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

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

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

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

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

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

10.  $2 \times \frac{17}{6} = \text{---} = \text{---} = \text{---}$

## Multiplying Fractions by Whole Numbers (C) Answers

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

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

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

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

- $\frac{3}{8} \times 3 = \frac{9}{8} = 1\frac{1}{8}$
- $\frac{5}{6} \times 8 = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$
- $\frac{19}{7} \times 4 = \frac{76}{7} = 10\frac{6}{7}$
- $9 \times \frac{5}{2} = \frac{45}{2} = 22\frac{1}{2}$
- $\frac{1}{7} \times 8 = \frac{8}{7} = 1\frac{1}{7}$
- $\frac{8}{9} \times 4 = \frac{32}{9} = 3\frac{5}{9}$
- $\frac{11}{4} \times 8 = \frac{88}{4} = \frac{22}{1} = 22$
- $8 \times \frac{7}{5} = \frac{56}{5} = 11\frac{1}{5}$
- $\frac{19}{9} \times 6 = \frac{114}{9} = \frac{38}{3} = 12\frac{2}{3}$
- $2 \times \frac{17}{6} = \frac{34}{6} = \frac{17}{3} = 5\frac{2}{3}$

# Multiplying Fractions by Whole Numbers (D)

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

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

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

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

1.  $\frac{12}{5} \times 8 = \text{---} = \text{---}$

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

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

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

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

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

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

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

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

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

## Multiplying Fractions by Whole Numbers (D) Answers

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

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

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

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

1.  $\frac{12}{5} \times 8 = \frac{96}{5} = 19\frac{1}{5}$

2.  $\frac{5}{2} \times 7 = \frac{35}{2} = 17\frac{1}{2}$

3.  $\frac{8}{3} \times 4 = \frac{32}{3} = 10\frac{2}{3}$

4.  $\frac{5}{8} \times 5 = \frac{25}{8} = 3\frac{1}{8}$

5.  $2 \times \frac{8}{5} = \frac{16}{5} = 3\frac{1}{5}$

6.  $\frac{11}{4} \times 4 = \frac{44}{4} = \frac{11}{1} = 11$

7.  $\frac{9}{4} \times 5 = \frac{45}{4} = 11\frac{1}{4}$

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

9.  $\frac{5}{3} \times 7 = \frac{35}{3} = 11\frac{2}{3}$

10.  $\frac{9}{7} \times 5 = \frac{45}{7} = 6\frac{3}{7}$

# Multiplying Fractions by Whole Numbers (E)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions by Whole Numbers (E) Answers

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

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

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

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

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

2.  $\frac{6}{5} \times 8 = \frac{48}{5} = 9\frac{3}{5}$

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

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

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

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

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

8.  $\frac{7}{4} \times 3 = \frac{21}{4} = 5\frac{1}{4}$

9.  $\frac{7}{3} \times 2 = \frac{14}{3} = 4\frac{2}{3}$

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

# Multiplying Fractions by Whole Numbers (F)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions by Whole Numbers (F) Answers

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

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

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

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

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

2.  $9 \times \frac{7}{4} = \frac{63}{4} = 15\frac{3}{4}$

3.  $9 \times \frac{13}{8} = \frac{117}{8} = 14\frac{5}{8}$

4.  $9 \times \frac{9}{5} = \frac{81}{5} = 16\frac{1}{5}$

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

6.  $\frac{9}{4} \times 8 = \frac{72}{4} = \frac{18}{1} = 18$

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

8.  $4 \times \frac{6}{5} = \frac{24}{5} = 4\frac{4}{5}$

9.  $4 \times \frac{7}{3} = \frac{28}{3} = 9\frac{1}{3}$

10.  $\frac{9}{4} \times 7 = \frac{63}{4} = 15\frac{3}{4}$

# Multiplying Fractions by Whole Numbers (G)

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

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

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

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

1.  $9 \times \frac{12}{5} = \text{---} = \text{---}$

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

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

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

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

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

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

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

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

10.  $\frac{11}{6} \times 5 = \text{---} = \text{---}$

## Multiplying Fractions by Whole Numbers (G) Answers

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

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

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

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

- $9 \times \frac{12}{5} = \frac{108}{5} = 21 \frac{3}{5}$
- $2 \times \frac{7}{8} = \frac{14}{8} = \frac{7}{4} = 1 \frac{3}{4}$
- $8 \times \frac{8}{3} = \frac{64}{3} = 21 \frac{1}{3}$
- $\frac{3}{2} \times 8 = \frac{24}{2} = \frac{12}{1} = 12$
- $\frac{1}{9} \times 7 = \frac{7}{9}$
- $3 \times \frac{7}{5} = \frac{21}{5} = 4 \frac{1}{5}$
- $6 \times \frac{9}{8} = \frac{54}{8} = \frac{27}{4} = 6 \frac{3}{4}$
- $8 \times \frac{7}{5} = \frac{56}{5} = 11 \frac{1}{5}$
- $\frac{5}{2} \times 9 = \frac{45}{2} = 22 \frac{1}{2}$
- $\frac{11}{6} \times 5 = \frac{55}{6} = 9 \frac{1}{6}$

# Multiplying Fractions by Whole Numbers (H)

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

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

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

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

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

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

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

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

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

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

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

8.  $9 \times \frac{17}{9} = \text{---} = \text{---} = \text{---}$

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

10.  $3 \times \frac{17}{8} = \text{---} = \text{---}$

# Multiplying Fractions by Whole Numbers (H) Answers

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

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

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

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

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

2.  $2 \times \frac{8}{5} = \frac{16}{5} = 3\frac{1}{5}$

3.  $8 \times \frac{17}{6} = \frac{136}{6} = \frac{68}{3} = 22\frac{2}{3}$

4.  $\frac{9}{5} \times 2 = \frac{18}{5} = 3\frac{3}{5}$

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

6.  $\frac{13}{6} \times 9 = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$

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

8.  $9 \times \frac{17}{9} = \frac{153}{9} = \frac{17}{1} = 17$

9.  $4 \times \frac{25}{9} = \frac{100}{9} = 11\frac{1}{9}$

10.  $3 \times \frac{17}{8} = \frac{51}{8} = 6\frac{3}{8}$

# Multiplying Fractions by Whole Numbers (I)

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

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

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

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

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

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

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

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

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

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

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

8.  $6 \times \frac{13}{9} = \text{---} = \text{---} = \text{---}$

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

10.  $2 \times \frac{19}{7} = \text{---} = \text{---}$

# Multiplying Fractions by Whole Numbers (I) Answers

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

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

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

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

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

2.  $\frac{7}{6} \times 7 = \frac{49}{6} = 8\frac{1}{6}$

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

4.  $4 \times \frac{5}{3} = \frac{20}{3} = 6\frac{2}{3}$

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

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

7.  $\frac{10}{9} \times 8 = \frac{80}{9} = 8\frac{8}{9}$

8.  $6 \times \frac{13}{9} = \frac{78}{9} = \frac{26}{3} = 8\frac{2}{3}$

9.  $7 \times \frac{8}{3} = \frac{56}{3} = 18\frac{2}{3}$

10.  $2 \times \frac{19}{7} = \frac{38}{7} = 5\frac{3}{7}$

# Multiplying Fractions by Whole Numbers (J)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions by Whole Numbers (J) Answers

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

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

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

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

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

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

3.  $\frac{2}{3} \times 8 = \frac{16}{3} = 5\frac{1}{3}$

4.  $\frac{11}{4} \times 2 = \frac{22}{4} = \frac{11}{2} = 5\frac{1}{2}$

5.  $5 \times \frac{5}{2} = \frac{25}{2} = 12\frac{1}{2}$

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

7.  $7 \times \frac{11}{4} = \frac{77}{4} = 19\frac{1}{4}$

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

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

10.  $\frac{17}{8} \times 7 = \frac{119}{8} = 14\frac{7}{8}$