

## Multiplying Negative Mixed Fractions (A)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-1\frac{4}{6}\right) \times 3\frac{2}{3} =$

2.  $\left(-2\frac{4}{5}\right) \times \left(-1\frac{2}{5}\right) =$

3.  $\frac{2}{5} \times \left(-1\frac{1}{5}\right) =$

4.  $\left(-2\frac{1}{2}\right) \times 3\frac{1}{2} =$

5.  $\left(-5\frac{2}{3}\right) \times \frac{1}{2} =$

6.  $\left(-1\frac{2}{4}\right) \times 5\frac{4}{5} =$

7.  $\frac{5}{6} \times \left(-1\frac{1}{4}\right) =$

8.  $\left(-1\frac{1}{2}\right) \times \left(-4\frac{1}{4}\right) =$

9.  $\frac{1}{3} \times \left(-1\frac{2}{6}\right) =$

10.  $\left(-3\frac{2}{3}\right) \times 1\frac{2}{3} =$

## Multiplying Negative Mixed Fractions (A) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \quad \left(-1\frac{4}{6}\right) \times 3\frac{2}{3} = \left(-\frac{10}{6}\right) \times \frac{11}{3} = \left(-\frac{110}{18}\right) = \left(-\frac{55}{9}\right) = \left(-6\frac{1}{9}\right)$$

$$2. \quad \left(-2\frac{4}{5}\right) \times \left(-1\frac{2}{5}\right) = \left(-\frac{14}{5}\right) \times \left(-\frac{7}{5}\right) = \frac{98}{25} = 3\frac{23}{25}$$

$$3. \quad \frac{2}{5} \times \left(-1\frac{1}{5}\right) = \frac{2}{5} \times \left(-\frac{6}{5}\right) = \left(-\frac{12}{25}\right)$$

$$4. \quad \left(-2\frac{1}{2}\right) \times 3\frac{1}{2} = \left(-\frac{5}{2}\right) \times \frac{7}{2} = \left(-\frac{35}{4}\right) = \left(-8\frac{3}{4}\right)$$

$$5. \quad \left(-5\frac{2}{3}\right) \times \frac{1}{2} = \left(-\frac{17}{3}\right) \times \frac{1}{2} = \left(-\frac{17}{6}\right) = \left(-2\frac{5}{6}\right)$$

$$6. \quad \left(-1\frac{2}{4}\right) \times 5\frac{4}{5} = \left(-\frac{6}{4}\right) \times \frac{29}{5} = \left(-\frac{174}{20}\right) = \left(-\frac{87}{10}\right) = \left(-8\frac{7}{10}\right)$$

$$7. \quad \frac{5}{6} \times \left(-1\frac{1}{4}\right) = \frac{5}{6} \times \left(-\frac{5}{4}\right) = \left(-\frac{25}{24}\right) = \left(-1\frac{1}{24}\right)$$

$$8. \quad \left(-1\frac{1}{2}\right) \times \left(-4\frac{1}{4}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{17}{4}\right) = \frac{51}{8} = 6\frac{3}{8}$$

$$9. \quad \frac{1}{3} \times \left(-1\frac{2}{6}\right) = \frac{1}{3} \times \left(-\frac{8}{6}\right) = \left(-\frac{8}{18}\right) = \left(-\frac{4}{9}\right)$$

$$10. \quad \left(-3\frac{2}{3}\right) \times 1\frac{2}{3} = \left(-\frac{11}{3}\right) \times \frac{5}{3} = \left(-\frac{55}{9}\right) = \left(-6\frac{1}{9}\right)$$

## Multiplying Negative Mixed Fractions (B)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-1\frac{1}{6}\right) \times \left(-2\frac{1}{2}\right) =$

2.  $\frac{1}{3} \times \left(-5\frac{1}{3}\right) =$

3.  $1\frac{2}{3} \times \left(-5\frac{1}{3}\right) =$

4.  $\left(-2\frac{2}{4}\right) \times 1\frac{2}{3} =$

5.  $\left(-1\frac{2}{3}\right) \times 4\frac{3}{4} =$

6.  $\frac{2}{5} \times \left(-2\frac{2}{3}\right) =$

7.  $4\frac{1}{4} \times \left(-1\frac{3}{4}\right) =$

8.  $\left(-1\frac{1}{2}\right) \times \left(-4\frac{3}{4}\right) =$

9.  $\left(-2\frac{1}{2}\right) \times \left(-3\frac{1}{2}\right) =$

10.  $\frac{5}{6} \times \left(-5\frac{1}{6}\right) =$

## Multiplying Negative Mixed Fractions (B) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \left(-1\frac{1}{6}\right) \times \left(-2\frac{1}{2}\right) = \left(-\frac{7}{6}\right) \times \left(-\frac{5}{2}\right) = \frac{35}{12} = 2\frac{11}{12}$$

$$2. \frac{1}{3} \times \left(-5\frac{1}{3}\right) = \frac{1}{3} \times \left(-\frac{16}{3}\right) = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$$

$$3. 1\frac{2}{3} \times \left(-5\frac{1}{3}\right) = \frac{5}{3} \times \left(-\frac{16}{3}\right) = \left(-\frac{80}{9}\right) = \left(-8\frac{8}{9}\right)$$

$$4. \left(-2\frac{2}{4}\right) \times 1\frac{2}{3} = \left(-\frac{10}{4}\right) \times \frac{5}{3} = \left(-\frac{50}{12}\right) = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$$

$$5. \left(-1\frac{2}{3}\right) \times 4\frac{3}{4} = \left(-\frac{5}{3}\right) \times \frac{19}{4} = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$6. \frac{2}{5} \times \left(-2\frac{2}{3}\right) = \frac{2}{5} \times \left(-\frac{8}{3}\right) = \left(-\frac{16}{15}\right) = \left(-1\frac{1}{15}\right)$$

$$7. 4\frac{1}{4} \times \left(-1\frac{3}{4}\right) = \frac{17}{4} \times \left(-\frac{7}{4}\right) = \left(-\frac{119}{16}\right) = \left(-7\frac{7}{16}\right)$$

$$8. \left(-1\frac{1}{2}\right) \times \left(-4\frac{3}{4}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{19}{4}\right) = \frac{57}{8} = 7\frac{1}{8}$$

$$9. \left(-2\frac{1}{2}\right) \times \left(-3\frac{1}{2}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{7}{2}\right) = \frac{35}{4} = 8\frac{3}{4}$$

$$10. \frac{5}{6} \times \left(-5\frac{1}{6}\right) = \frac{5}{6} \times \left(-\frac{31}{6}\right) = \left(-\frac{155}{36}\right) = \left(-4\frac{11}{36}\right)$$

## Multiplying Negative Mixed Fractions (C)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-4\frac{4}{5}\right) \times \frac{3}{5} =$

2.  $\frac{4}{5} \times \left(-4\frac{2}{3}\right) =$

3.  $\left(-2\frac{2}{3}\right) \times 1\frac{2}{5} =$

4.  $\left(-2\frac{3}{4}\right) \times \left(-2\frac{1}{3}\right) =$

5.  $\frac{3}{5} \times \left(-3\frac{1}{5}\right) =$

6.  $\frac{1}{3} \times \left(-4\frac{1}{4}\right) =$

7.  $\left(-1\frac{1}{6}\right) \times \left(-2\frac{3}{4}\right) =$

8.  $\frac{2}{3} \times \left(-5\frac{3}{5}\right) =$

9.  $3\frac{5}{6} \times \left(-1\frac{3}{4}\right) =$

10.  $3\frac{2}{5} \times \left(-1\frac{2}{6}\right) =$

## Multiplying Negative Mixed Fractions (C) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \quad \left(-4\frac{4}{5}\right) \times \frac{3}{5} = \left(-\frac{24}{5}\right) \times \frac{3}{5} = \left(-\frac{72}{25}\right) = \left(-2\frac{22}{25}\right)$$

$$2. \quad \frac{4}{5} \times \left(-4\frac{2}{3}\right) = \frac{4}{5} \times \left(-\frac{14}{3}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$$

$$3. \quad \left(-2\frac{2}{3}\right) \times 1\frac{2}{5} = \left(-\frac{8}{3}\right) \times \frac{7}{5} = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$$

$$4. \quad \left(-2\frac{3}{4}\right) \times \left(-2\frac{1}{3}\right) = \left(-\frac{11}{4}\right) \times \left(-\frac{7}{3}\right) = \frac{77}{12} = 6\frac{5}{12}$$

$$5. \quad \frac{3}{5} \times \left(-3\frac{1}{5}\right) = \frac{3}{5} \times \left(-\frac{16}{5}\right) = \left(-\frac{48}{25}\right) = \left(-1\frac{23}{25}\right)$$

$$6. \quad \frac{1}{3} \times \left(-4\frac{1}{4}\right) = \frac{1}{3} \times \left(-\frac{17}{4}\right) = \left(-\frac{17}{12}\right) = \left(-1\frac{5}{12}\right)$$

$$7. \quad \left(-1\frac{1}{6}\right) \times \left(-2\frac{3}{4}\right) = \left(-\frac{7}{6}\right) \times \left(-\frac{11}{4}\right) = \frac{77}{24} = 3\frac{5}{24}$$

$$8. \quad \frac{2}{3} \times \left(-5\frac{3}{5}\right) = \frac{2}{3} \times \left(-\frac{28}{5}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$$

$$9. \quad 3\frac{5}{6} \times \left(-1\frac{3}{4}\right) = \frac{23}{6} \times \left(-\frac{7}{4}\right) = \left(-\frac{161}{24}\right) = \left(-6\frac{17}{24}\right)$$

$$10. \quad 3\frac{2}{5} \times \left(-1\frac{2}{6}\right) = \frac{17}{5} \times \left(-\frac{8}{6}\right) = \left(-\frac{136}{30}\right) = \left(-\frac{68}{15}\right) = \left(-4\frac{8}{15}\right)$$

## Multiplying Negative Mixed Fractions (D)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\frac{1}{3} \times \left(-3\frac{1}{2}\right) =$

2.  $\left(-1\frac{2}{3}\right) \times 2\frac{3}{4} =$

3.  $\left(-1\frac{4}{5}\right) \times 4\frac{1}{2} =$

4.  $\left(-2\frac{1}{4}\right) \times \left(-1\frac{2}{5}\right) =$

5.  $\left(-3\frac{1}{2}\right) \times \left(-2\frac{3}{6}\right) =$

6.  $\frac{1}{3} \times \left(-3\frac{5}{6}\right) =$

7.  $\left(-3\frac{4}{5}\right) \times \left(-2\frac{1}{3}\right) =$

8.  $2\frac{3}{4} \times \left(-2\frac{3}{4}\right) =$

9.  $\left(-2\frac{1}{3}\right) \times 1\frac{2}{3} =$

10.  $\frac{1}{6} \times \left(-3\frac{2}{3}\right) =$

## Multiplying Negative Mixed Fractions (D) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \quad \frac{1}{3} \times \left(-3\frac{1}{2}\right) = \frac{1}{3} \times \left(-\frac{7}{2}\right) = \left(-\frac{7}{6}\right) = \left(-1\frac{1}{6}\right)$$

$$2. \quad \left(-1\frac{2}{3}\right) \times 2\frac{3}{4} = \left(-\frac{5}{3}\right) \times \frac{11}{4} = \left(-\frac{55}{12}\right) = \left(-4\frac{7}{12}\right)$$

$$3. \quad \left(-1\frac{4}{5}\right) \times 4\frac{1}{2} = \left(-\frac{9}{5}\right) \times \frac{9}{2} = \left(-\frac{81}{10}\right) = \left(-8\frac{1}{10}\right)$$

$$4. \quad \left(-2\frac{1}{4}\right) \times \left(-1\frac{2}{5}\right) = \left(-\frac{9}{4}\right) \times \left(-\frac{7}{5}\right) = \frac{63}{20} = 3\frac{3}{20}$$

$$5. \quad \left(-3\frac{1}{2}\right) \times \left(-2\frac{3}{6}\right) = \left(-\frac{7}{2}\right) \times \left(-\frac{15}{6}\right) = \frac{105}{12} = \frac{35}{4} = 8\frac{3}{4}$$

$$6. \quad \frac{1}{3} \times \left(-3\frac{5}{6}\right) = \frac{1}{3} \times \left(-\frac{23}{6}\right) = \left(-\frac{23}{18}\right) = \left(-1\frac{5}{18}\right)$$

$$7. \quad \left(-3\frac{4}{5}\right) \times \left(-2\frac{1}{3}\right) = \left(-\frac{19}{5}\right) \times \left(-\frac{7}{3}\right) = \frac{133}{15} = 8\frac{13}{15}$$

$$8. \quad 2\frac{3}{4} \times \left(-2\frac{3}{4}\right) = \frac{11}{4} \times \left(-\frac{11}{4}\right) = \left(-\frac{121}{16}\right) = \left(-7\frac{9}{16}\right)$$

$$9. \quad \left(-2\frac{1}{3}\right) \times 1\frac{2}{3} = \left(-\frac{7}{3}\right) \times \frac{5}{3} = \left(-\frac{35}{9}\right) = \left(-3\frac{8}{9}\right)$$

$$10. \quad \frac{1}{6} \times \left(-3\frac{2}{3}\right) = \frac{1}{6} \times \left(-\frac{11}{3}\right) = \left(-\frac{11}{18}\right)$$



## Multiplying Negative Mixed Fractions (E)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\frac{2}{3} \times \left(-2\frac{2}{3}\right) =$

2.  $\left(-3\frac{1}{4}\right) \times \left(-2\frac{3}{6}\right) =$

3.  $1\frac{1}{2} \times \left(-4\frac{1}{2}\right) =$

4.  $\left(-4\frac{1}{2}\right) \times \left(-1\frac{1}{2}\right) =$

5.  $\left(-1\frac{1}{2}\right) \times \left(-2\frac{1}{4}\right) =$

6.  $\left(-2\frac{2}{3}\right) \times 3\frac{1}{3} =$

7.  $\left(-5\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) =$

8.  $\frac{4}{5} \times \left(-5\frac{2}{3}\right) =$

9.  $\left(-5\frac{3}{5}\right) \times \left(-1\frac{1}{5}\right) =$

10.  $\left(-5\frac{5}{6}\right) \times \frac{1}{2} =$

## Multiplying Negative Mixed Fractions (E) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \quad \frac{2}{3} \times \left(-2\frac{2}{3}\right) = \frac{2}{3} \times \left(-\frac{8}{3}\right) = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$$

$$2. \quad \left(-3\frac{1}{4}\right) \times \left(-2\frac{3}{6}\right) = \left(-\frac{13}{4}\right) \times \left(-\frac{15}{6}\right) = \frac{195}{24} = \frac{65}{8} = 8\frac{1}{8}$$

$$3. \quad 1\frac{1}{2} \times \left(-4\frac{1}{2}\right) = \frac{3}{2} \times \left(-\frac{9}{2}\right) = \left(-\frac{27}{4}\right) = \left(-6\frac{3}{4}\right)$$

$$4. \quad \left(-4\frac{1}{2}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{9}{2}\right) \times \left(-\frac{3}{2}\right) = \frac{27}{4} = 6\frac{3}{4}$$

$$5. \quad \left(-1\frac{1}{2}\right) \times \left(-2\frac{1}{4}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{9}{4}\right) = \frac{27}{8} = 3\frac{3}{8}$$

$$6. \quad \left(-2\frac{2}{3}\right) \times 3\frac{1}{3} = \left(-\frac{8}{3}\right) \times \frac{10}{3} = \left(-\frac{80}{9}\right) = \left(-8\frac{8}{9}\right)$$

$$7. \quad \left(-5\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{21}{4}\right) \times \left(-\frac{3}{2}\right) = \frac{63}{8} = 7\frac{7}{8}$$

$$8. \quad \frac{4}{5} \times \left(-5\frac{2}{3}\right) = \frac{4}{5} \times \left(-\frac{17}{3}\right) = \left(-\frac{68}{15}\right) = \left(-4\frac{8}{15}\right)$$

$$9. \quad \left(-5\frac{3}{5}\right) \times \left(-1\frac{1}{5}\right) = \left(-\frac{28}{5}\right) \times \left(-\frac{6}{5}\right) = \frac{168}{25} = 6\frac{18}{25}$$

$$10. \quad \left(-5\frac{5}{6}\right) \times \frac{1}{2} = \left(-\frac{35}{6}\right) \times \frac{1}{2} = \left(-\frac{35}{12}\right) = \left(-2\frac{11}{12}\right)$$

## Multiplying Negative Mixed Fractions (F)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-5\frac{1}{6}\right) \times \frac{1}{2} =$

2.  $\frac{2}{3} \times \left(-2\frac{4}{5}\right) =$

3.  $2\frac{1}{3} \times \left(-1\frac{3}{5}\right) =$

4.  $\frac{3}{5} \times \left(-2\frac{2}{5}\right) =$

5.  $\left(-3\frac{1}{3}\right) \times \frac{1}{3} =$

6.  $\frac{3}{5} \times \left(-1\frac{2}{4}\right) =$

7.  $\left(-1\frac{4}{5}\right) \times \left(-2\frac{3}{5}\right) =$

8.  $2\frac{1}{2} \times \left(-3\frac{1}{4}\right) =$

9.  $\left(-3\frac{1}{4}\right) \times 2\frac{3}{5} =$

10.  $5\frac{1}{6} \times \left(-1\frac{2}{5}\right) =$

## Multiplying Negative Mixed Fractions (F) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \quad \left(-5\frac{1}{6}\right) \times \frac{1}{2} = \left(-\frac{31}{6}\right) \times \frac{1}{2} = \left(-\frac{31}{12}\right) = \left(-2\frac{7}{12}\right)$$

$$2. \quad \frac{2}{3} \times \left(-2\frac{4}{5}\right) = \frac{2}{3} \times \left(-\frac{14}{5}\right) = \left(-\frac{28}{15}\right) = \left(-1\frac{13}{15}\right)$$

$$3. \quad 2\frac{1}{3} \times \left(-1\frac{3}{5}\right) = \frac{7}{3} \times \left(-\frac{8}{5}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$$

$$4. \quad \frac{3}{5} \times \left(-2\frac{2}{5}\right) = \frac{3}{5} \times \left(-\frac{12}{5}\right) = \left(-\frac{36}{25}\right) = \left(-1\frac{11}{25}\right)$$

$$5. \quad \left(-3\frac{1}{3}\right) \times \frac{1}{3} = \left(-\frac{10}{3}\right) \times \frac{1}{3} = \left(-\frac{10}{9}\right) = \left(-1\frac{1}{9}\right)$$

$$6. \quad \frac{3}{5} \times \left(-1\frac{2}{4}\right) = \frac{3}{5} \times \left(-\frac{6}{4}\right) = \left(-\frac{18}{20}\right) = \left(-\frac{9}{10}\right)$$

$$7. \quad \left(-1\frac{4}{5}\right) \times \left(-2\frac{3}{5}\right) = \left(-\frac{9}{5}\right) \times \left(-\frac{13}{5}\right) = \frac{117}{25} = 4\frac{17}{25}$$

$$8. \quad 2\frac{1}{2} \times \left(-3\frac{1}{4}\right) = \frac{5}{2} \times \left(-\frac{13}{4}\right) = \left(-\frac{65}{8}\right) = \left(-8\frac{1}{8}\right)$$

$$9. \quad \left(-3\frac{1}{4}\right) \times 2\frac{3}{5} = \left(-\frac{13}{4}\right) \times \frac{13}{5} = \left(-\frac{169}{20}\right) = \left(-8\frac{9}{20}\right)$$

$$10. \quad 5\frac{1}{6} \times \left(-1\frac{2}{5}\right) = \frac{31}{6} \times \left(-\frac{7}{5}\right) = \left(-\frac{217}{30}\right) = \left(-7\frac{7}{30}\right)$$

## Multiplying Negative Mixed Fractions (G)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-1\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) =$

2.  $\left(-1\frac{1}{2}\right) \times \left(-2\frac{3}{4}\right) =$

3.  $\left(-1\frac{2}{5}\right) \times \left(-1\frac{2}{4}\right) =$

4.  $\left(-2\frac{1}{2}\right) \times 3\frac{1}{6} =$

5.  $\frac{4}{5} \times \left(-1\frac{1}{5}\right) =$

6.  $\frac{1}{4} \times \left(-3\frac{2}{3}\right) =$

7.  $\left(-2\frac{3}{6}\right) \times \frac{1}{2} =$

8.  $\left(-3\frac{1}{5}\right) \times \left(-2\frac{2}{3}\right) =$

9.  $\left(-4\frac{1}{5}\right) \times \frac{1}{2} =$

10.  $\left(-3\frac{3}{5}\right) \times 2\frac{2}{5} =$

## Multiplying Negative Mixed Fractions (G) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \left(-1\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{5}{4}\right) \times \left(-\frac{3}{2}\right) = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \left(-1\frac{1}{2}\right) \times \left(-2\frac{3}{4}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{11}{4}\right) = \frac{33}{8} = 4\frac{1}{8}$$

$$3. \left(-1\frac{2}{5}\right) \times \left(-1\frac{2}{4}\right) = \left(-\frac{7}{5}\right) \times \left(-\frac{6}{4}\right) = \frac{42}{20} = \frac{21}{10} = 2\frac{1}{10}$$

$$4. \left(-2\frac{1}{2}\right) \times 3\frac{1}{6} = \left(-\frac{5}{2}\right) \times \frac{19}{6} = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$$

$$5. \frac{4}{5} \times \left(-1\frac{1}{5}\right) = \frac{4}{5} \times \left(-\frac{6}{5}\right) = \left(-\frac{24}{25}\right)$$

$$6. \frac{1}{4} \times \left(-3\frac{2}{3}\right) = \frac{1}{4} \times \left(-\frac{11}{3}\right) = \left(-\frac{11}{12}\right)$$

$$7. \left(-2\frac{3}{6}\right) \times \frac{1}{2} = \left(-\frac{15}{6}\right) \times \frac{1}{2} = \left(-\frac{15}{12}\right) = \left(-\frac{5}{4}\right) = \left(-1\frac{1}{4}\right)$$

$$8. \left(-3\frac{1}{5}\right) \times \left(-2\frac{2}{3}\right) = \left(-\frac{16}{5}\right) \times \left(-\frac{8}{3}\right) = \frac{128}{15} = 8\frac{8}{15}$$

$$9. \left(-4\frac{1}{5}\right) \times \frac{1}{2} = \left(-\frac{21}{5}\right) \times \frac{1}{2} = \left(-\frac{21}{10}\right) = \left(-2\frac{1}{10}\right)$$

$$10. \left(-3\frac{3}{5}\right) \times 2\frac{2}{5} = \left(-\frac{18}{5}\right) \times \frac{12}{5} = \left(-\frac{216}{25}\right) = \left(-8\frac{16}{25}\right)$$

## Multiplying Negative Mixed Fractions (H)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-2\frac{1}{2}\right) \times \left(-1\frac{3}{4}\right) =$

2.  $\left(-2\frac{2}{6}\right) \times 1\frac{2}{3} =$

3.  $\frac{1}{5} \times \left(-4\frac{1}{3}\right) =$

4.  $\left(-3\frac{2}{3}\right) \times \left(-1\frac{4}{6}\right) =$

5.  $\frac{1}{3} \times \left(-3\frac{2}{6}\right) =$

6.  $\left(-5\frac{2}{5}\right) \times \left(-1\frac{1}{2}\right) =$

7.  $1\frac{1}{2} \times \left(-1\frac{1}{2}\right) =$

8.  $\frac{1}{3} \times \left(-2\frac{2}{4}\right) =$

9.  $\left(-3\frac{1}{3}\right) \times 2\frac{2}{3} =$

10.  $\left(-3\frac{1}{2}\right) \times \frac{1}{2} =$

## Multiplying Negative Mixed Fractions (H) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \left(-2\frac{1}{2}\right) \times \left(-1\frac{3}{4}\right) = \left(-\frac{5}{2}\right) \times \left(-\frac{7}{4}\right) = \frac{35}{8} = 4\frac{3}{8}$$

$$2. \left(-2\frac{2}{6}\right) \times 1\frac{2}{3} = \left(-\frac{14}{6}\right) \times \frac{5}{3} = \left(-\frac{70}{18}\right) = \left(-\frac{35}{9}\right) = \left(-3\frac{8}{9}\right)$$

$$3. \frac{1}{5} \times \left(-4\frac{1}{3}\right) = \frac{1}{5} \times \left(-\frac{13}{3}\right) = \left(-\frac{13}{15}\right)$$

$$4. \left(-3\frac{2}{3}\right) \times \left(-1\frac{4}{6}\right) = \left(-\frac{11}{3}\right) \times \left(-\frac{10}{6}\right) = \frac{110}{18} = \frac{55}{9} = 6\frac{1}{9}$$

$$5. \frac{1}{3} \times \left(-3\frac{2}{6}\right) = \frac{1}{3} \times \left(-\frac{20}{6}\right) = \left(-\frac{20}{18}\right) = \left(-\frac{10}{9}\right) = \left(-1\frac{1}{9}\right)$$

$$6. \left(-5\frac{2}{5}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{27}{5}\right) \times \left(-\frac{3}{2}\right) = \frac{81}{10} = 8\frac{1}{10}$$

$$7. 1\frac{1}{2} \times \left(-1\frac{1}{2}\right) = \frac{3}{2} \times \left(-\frac{3}{2}\right) = \left(-\frac{9}{4}\right) = \left(-2\frac{1}{4}\right)$$

$$8. \frac{1}{3} \times \left(-2\frac{2}{4}\right) = \frac{1}{3} \times \left(-\frac{10}{4}\right) = \left(-\frac{10}{12}\right) = \left(-\frac{5}{6}\right)$$

$$9. \left(-3\frac{1}{3}\right) \times 2\frac{2}{3} = \left(-\frac{10}{3}\right) \times \frac{8}{3} = \left(-\frac{80}{9}\right) = \left(-8\frac{8}{9}\right)$$

$$10. \left(-3\frac{1}{2}\right) \times \frac{1}{2} = \left(-\frac{7}{2}\right) \times \frac{1}{2} = \left(-\frac{7}{4}\right) = \left(-1\frac{3}{4}\right)$$



## Multiplying Negative Mixed Fractions (I)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-4\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) =$

2.  $\left(-4\frac{1}{2}\right) \times \frac{3}{4} =$

3.  $\left(-1\frac{1}{2}\right) \times \left(-5\frac{3}{4}\right) =$

4.  $\frac{1}{5} \times \left(-2\frac{4}{6}\right) =$

5.  $\left(-1\frac{3}{4}\right) \times \frac{1}{6} =$

6.  $\left(-4\frac{1}{3}\right) \times \left(-1\frac{1}{3}\right) =$

7.  $\left(-2\frac{4}{6}\right) \times \left(-2\frac{3}{5}\right) =$

8.  $\left(-2\frac{2}{3}\right) \times \left(-2\frac{3}{5}\right) =$

9.  $\left(-1\frac{2}{6}\right) \times \frac{1}{3} =$

10.  $\frac{1}{3} \times \left(-4\frac{2}{3}\right) =$

## Multiplying Negative Mixed Fractions (I) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \left(-4\frac{1}{4}\right) \times \left(-1\frac{1}{2}\right) = \left(-\frac{17}{4}\right) \times \left(-\frac{3}{2}\right) = \frac{51}{8} = 6\frac{3}{8}$$

$$2. \left(-4\frac{1}{2}\right) \times \frac{3}{4} = \left(-\frac{9}{2}\right) \times \frac{3}{4} = \left(-\frac{27}{8}\right) = \left(-3\frac{3}{8}\right)$$

$$3. \left(-1\frac{1}{2}\right) \times \left(-5\frac{3}{4}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{23}{4}\right) = \frac{69}{8} = 8\frac{5}{8}$$

$$4. \frac{1}{5} \times \left(-2\frac{4}{6}\right) = \frac{1}{5} \times \left(-\frac{16}{6}\right) = \left(-\frac{16}{30}\right) = \left(-\frac{8}{15}\right)$$

$$5. \left(-1\frac{3}{4}\right) \times \frac{1}{6} = \left(-\frac{7}{4}\right) \times \frac{1}{6} = \left(-\frac{7}{24}\right)$$

$$6. \left(-4\frac{1}{3}\right) \times \left(-1\frac{1}{3}\right) = \left(-\frac{13}{3}\right) \times \left(-\frac{4}{3}\right) = \frac{52}{9} = 5\frac{7}{9}$$

$$7. \left(-2\frac{4}{6}\right) \times \left(-2\frac{3}{5}\right) = \left(-\frac{16}{6}\right) \times \left(-\frac{13}{5}\right) = \frac{208}{30} = \frac{104}{15} = 6\frac{14}{15}$$

$$8. \left(-2\frac{2}{3}\right) \times \left(-2\frac{3}{5}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{13}{5}\right) = \frac{104}{15} = 6\frac{14}{15}$$

$$9. \left(-1\frac{2}{6}\right) \times \frac{1}{3} = \left(-\frac{8}{6}\right) \times \frac{1}{3} = \left(-\frac{8}{18}\right) = \left(-\frac{4}{9}\right)$$

$$10. \frac{1}{3} \times \left(-4\frac{2}{3}\right) = \frac{1}{3} \times \left(-\frac{14}{3}\right) = \left(-\frac{14}{9}\right) = \left(-1\frac{5}{9}\right)$$

## Multiplying Negative Mixed Fractions (J)

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

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

Score: \_\_\_\_\_

Calculate each product.

1.  $\left(-1\frac{1}{3}\right) \times 1\frac{1}{3} =$

2.  $\left(-1\frac{1}{6}\right) \times \left(-4\frac{3}{4}\right) =$

3.  $\left(-1\frac{2}{3}\right) \times \frac{1}{4} =$

4.  $\frac{1}{4} \times \left(-3\frac{3}{6}\right) =$

5.  $\frac{1}{2} \times \left(-4\frac{1}{6}\right) =$

6.  $5\frac{2}{5} \times \left(-1\frac{3}{5}\right) =$

7.  $\left(-4\frac{5}{6}\right) \times 1\frac{5}{6} =$

8.  $\left(-1\frac{1}{4}\right) \times \left(-3\frac{2}{3}\right) =$

9.  $1\frac{2}{5} \times \left(-2\frac{4}{6}\right) =$

10.  $1\frac{3}{5} \times \left(-5\frac{1}{5}\right) =$

## Multiplying Negative Mixed Fractions (J) Answers

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

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

Score: \_\_\_\_\_

Calculate each product.

$$1. \quad \left(-1\frac{1}{3}\right) \times 1\frac{1}{3} = \left(-\frac{4}{3}\right) \times \frac{4}{3} = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$$

$$2. \quad \left(-1\frac{1}{6}\right) \times \left(-4\frac{3}{4}\right) = \left(-\frac{7}{6}\right) \times \left(-\frac{19}{4}\right) = \frac{133}{24} = 5\frac{13}{24}$$

$$3. \quad \left(-1\frac{2}{3}\right) \times \frac{1}{4} = \left(-\frac{5}{3}\right) \times \frac{1}{4} = \left(-\frac{5}{12}\right)$$

$$4. \quad \frac{1}{4} \times \left(-3\frac{3}{6}\right) = \frac{1}{4} \times \left(-\frac{21}{6}\right) = \left(-\frac{21}{24}\right) = \left(-\frac{7}{8}\right)$$

$$5. \quad \frac{1}{2} \times \left(-4\frac{1}{6}\right) = \frac{1}{2} \times \left(-\frac{25}{6}\right) = \left(-\frac{25}{12}\right) = \left(-2\frac{1}{12}\right)$$

$$6. \quad 5\frac{2}{5} \times \left(-1\frac{3}{5}\right) = \frac{27}{5} \times \left(-\frac{8}{5}\right) = \left(-\frac{216}{25}\right) = \left(-8\frac{16}{25}\right)$$

$$7. \quad \left(-4\frac{5}{6}\right) \times 1\frac{5}{6} = \left(-\frac{29}{6}\right) \times \frac{11}{6} = \left(-\frac{319}{36}\right) = \left(-8\frac{31}{36}\right)$$

$$8. \quad \left(-1\frac{1}{4}\right) \times \left(-3\frac{2}{3}\right) = \left(-\frac{5}{4}\right) \times \left(-\frac{11}{3}\right) = \frac{55}{12} = 4\frac{7}{12}$$

$$9. \quad 1\frac{2}{5} \times \left(-2\frac{4}{6}\right) = \frac{7}{5} \times \left(-\frac{16}{6}\right) = \left(-\frac{112}{30}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$$

$$10. \quad 1\frac{3}{5} \times \left(-5\frac{1}{5}\right) = \frac{8}{5} \times \left(-\frac{26}{5}\right) = \left(-\frac{208}{25}\right) = \left(-8\frac{8}{25}\right)$$