

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $7 \div \frac{12}{5} =$

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

3. $\frac{20}{7} \div 9 =$

4. $2 \times \frac{11}{7} =$

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

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

7. $2 \div \frac{9}{4} =$

8. $\frac{7}{6} \div 8 =$

9. $4 \times \frac{19}{7} =$

10. $\frac{8}{3} \div 5 =$

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 7 \div \frac{12}{5} = \frac{7}{1} \div \frac{12}{5} = \frac{7}{1} \times \frac{5}{12} = \frac{35}{12} = 2\frac{11}{12}$$

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

$$3. \quad \frac{20}{7} \div 9 = \frac{20}{7} \div \frac{9}{1} = \frac{20}{7} \times \frac{1}{9} = \frac{20}{63}$$

$$4. \quad 2 \times \frac{11}{7} = \frac{22}{7} = 3\frac{1}{7}$$

$$5. \quad \frac{3}{2} \times 7 = \frac{21}{2} = 10\frac{1}{2}$$

$$6. \quad 7 \times \frac{4}{3} = \frac{28}{3} = 9\frac{1}{3}$$

$$7. \quad 2 \div \frac{9}{4} = \frac{2}{1} \div \frac{9}{4} = \frac{2}{1} \times \frac{4}{9} = \frac{8}{9}$$

$$8. \quad \frac{7}{6} \div 8 = \frac{7}{6} \div \frac{8}{1} = \frac{7}{6} \times \frac{1}{8} = \frac{7}{48}$$

$$9. \quad 4 \times \frac{19}{7} = \frac{76}{7} = 10\frac{6}{7}$$

$$10. \quad \frac{8}{3} \div 5 = \frac{8}{3} \div \frac{5}{1} = \frac{8}{3} \times \frac{1}{5} = \frac{8}{15}$$

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{23}{9} \times 2 =$

2. $\frac{5}{4} \div 4 =$

3. $\frac{9}{4} \div 5 =$

4. $\frac{11}{9} \times 4 =$

5. $\frac{12}{5} \div 5 =$

6. $3 \div \frac{5}{4} =$

7. $2 \div \frac{5}{2} =$

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

9. $4 \times \frac{12}{5} =$

10. $3 \times \frac{3}{2} =$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{23}{9} \times 2 = \frac{46}{9} = 5\frac{1}{9}$$

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

$$3. \quad \frac{9}{4} \div 5 = \frac{9}{4} \div \frac{5}{1} = \frac{9}{4} \times \frac{1}{5} = \frac{9}{20}$$

$$4. \quad \frac{11}{9} \times 4 = \frac{44}{9} = 4\frac{8}{9}$$

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

$$6. \quad 3 \div \frac{5}{4} = \frac{3}{1} \div \frac{5}{4} = \frac{3}{1} \times \frac{4}{5} = \frac{12}{5} = 2\frac{2}{5}$$

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

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

$$9. \quad 4 \times \frac{12}{5} = \frac{48}{5} = 9\frac{3}{5}$$

$$10. \quad 3 \times \frac{3}{2} = \frac{9}{2} = 4\frac{1}{2}$$

Multiplying and Dividing Whole Numbers and Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $5 \times \frac{19}{9} =$

3. $\frac{6}{5} \div 5 =$

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

5. $3 \div \frac{8}{5} =$

6. $4 \div \frac{5}{2} =$

7. $\frac{7}{3} \div 4 =$

8. $9 \div \frac{20}{7} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 5 \times \frac{19}{9} = \frac{95}{9} = 10\frac{5}{9}$$

$$3. \quad \frac{6}{5} \div 5 = \frac{6}{5} \div \frac{5}{1} = \frac{6}{5} \times \frac{1}{5} = \frac{6}{25}$$

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

$$5. \quad 3 \div \frac{8}{5} = \frac{3}{1} \div \frac{8}{5} = \frac{3}{1} \times \frac{5}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$6. \quad 4 \div \frac{5}{2} = \frac{4}{1} \div \frac{5}{2} = \frac{4}{1} \times \frac{2}{5} = \frac{8}{5} = 1\frac{3}{5}$$

$$7. \quad \frac{7}{3} \div 4 = \frac{7}{3} \div \frac{4}{1} = \frac{7}{3} \times \frac{1}{4} = \frac{7}{12}$$

$$8. \quad 9 \div \frac{20}{7} = \frac{9}{1} \div \frac{20}{7} = \frac{9}{1} \times \frac{7}{20} = \frac{63}{20} = 3\frac{3}{20}$$

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

$$10. \quad \frac{14}{9} \times 8 = \frac{112}{9} = 12\frac{4}{9}$$

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $4 \div \frac{13}{9} =$

2. $9 \div \frac{14}{5} =$

3. $\frac{15}{7} \times 6 =$

4. $\frac{14}{5} \times 6 =$

5. $\frac{9}{4} \div 7 =$

6. $\frac{18}{7} \div 7 =$

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

8. $5 \div \frac{4}{3} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 4 \div \frac{13}{9} = \frac{4}{1} \div \frac{13}{9} = \frac{4}{1} \times \frac{9}{13} = \frac{36}{13} = 2\frac{10}{13}$$

$$2. \quad 9 \div \frac{14}{5} = \frac{9}{1} \div \frac{14}{5} = \frac{9}{1} \times \frac{5}{14} = \frac{45}{14} = 3\frac{3}{14}$$

$$3. \quad \frac{15}{7} \times 6 = \frac{90}{7} = 12\frac{6}{7}$$

$$4. \quad \frac{14}{5} \times 6 = \frac{84}{5} = 16\frac{4}{5}$$

$$5. \quad \frac{9}{4} \div 7 = \frac{9}{4} \div \frac{7}{1} = \frac{9}{4} \times \frac{1}{7} = \frac{9}{28}$$

$$6. \quad \frac{18}{7} \div 7 = \frac{18}{7} \div \frac{7}{1} = \frac{18}{7} \times \frac{1}{7} = \frac{18}{49}$$

$$7. \quad \frac{5}{2} \times 9 = \frac{45}{2} = 22\frac{1}{2}$$

$$8. \quad 5 \div \frac{4}{3} = \frac{5}{1} \div \frac{4}{3} = \frac{5}{1} \times \frac{3}{4} = \frac{15}{4} = 3\frac{3}{4}$$

$$9. \quad 8 \times \frac{7}{5} = \frac{56}{5} = 11\frac{1}{5}$$

$$10. \quad \frac{5}{2} \times 7 = \frac{35}{2} = 17\frac{1}{2}$$

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5 \div \frac{8}{3} =$

2. $7 \div \frac{11}{8} =$

3. $4 \times \frac{26}{9} =$

4. $\frac{13}{6} \div 9 =$

5. $8 \times \frac{5}{3} =$

6. $\frac{5}{2} \div 4 =$

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

8. $7 \times \frac{23}{8} =$

9. $\frac{11}{4} \div 2 =$

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

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 5 \div \frac{8}{3} = \frac{5}{1} \div \frac{8}{3} = \frac{5}{1} \times \frac{3}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad 7 \div \frac{11}{8} = \frac{7}{1} \div \frac{11}{8} = \frac{7}{1} \times \frac{8}{11} = \frac{56}{11} = 5\frac{1}{11}$$

$$3. \quad 4 \times \frac{26}{9} = \frac{104}{9} = 11\frac{5}{9}$$

$$4. \quad \frac{13}{6} \div 9 = \frac{13}{6} \div \frac{9}{1} = \frac{13}{6} \times \frac{1}{9} = \frac{13}{54}$$

$$5. \quad 8 \times \frac{5}{3} = \frac{40}{3} = 13\frac{1}{3}$$

$$6. \quad \frac{5}{2} \div 4 = \frac{5}{2} \div \frac{4}{1} = \frac{5}{2} \times \frac{1}{4} = \frac{5}{8}$$

$$7. \quad 9 \times \frac{11}{4} = \frac{99}{4} = 24\frac{3}{4}$$

$$8. \quad 7 \times \frac{23}{8} = \frac{161}{8} = 20\frac{1}{8}$$

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

$$10. \quad \frac{3}{2} \times 5 = \frac{15}{2} = 7\frac{1}{2}$$

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $7 \div \frac{5}{4} =$

2. $2 \div \frac{5}{3} =$

3. $8 \div \frac{9}{7} =$

4. $\frac{9}{7} \times 4 =$

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

6. $9 \times \frac{9}{4} =$

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

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

9. $4 \div \frac{5}{2} =$

10. $\frac{12}{5} \div 7 =$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{9}{7} \times 4 = \frac{36}{7} = 5\frac{1}{7}$$

$$5. \quad \frac{9}{4} \times 9 = \frac{81}{4} = 20\frac{1}{4}$$

$$6. \quad 9 \times \frac{9}{4} = \frac{81}{4} = 20\frac{1}{4}$$

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

$$8. \quad 5 \times \frac{7}{3} = \frac{35}{3} = 11\frac{2}{3}$$

$$9. \quad 4 \div \frac{5}{2} = \frac{4}{1} \div \frac{5}{2} = \frac{4}{1} \times \frac{2}{5} = \frac{8}{5} = 1\frac{3}{5}$$

$$10. \quad \frac{12}{5} \div 7 = \frac{12}{5} \div \frac{7}{1} = \frac{12}{5} \times \frac{1}{7} = \frac{12}{35}$$

Multiplying and Dividing Whole Numbers and Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{13}{7} \times 8 =$

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

3. $3 \div \frac{5}{2} =$

4. $\frac{7}{3} \div 4 =$

5. $\frac{3}{2} \div 4 =$

6. $9 \div \frac{7}{4} =$

7. $\frac{11}{6} \div 8 =$

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

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

10. $8 \times \frac{8}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{13}{7} \times 8 = \frac{104}{7} = 14\frac{6}{7}$$

$$2. \quad 9 \times \frac{9}{4} = \frac{81}{4} = 20\frac{1}{4}$$

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

$$4. \quad \frac{7}{3} \div 4 = \frac{7}{3} \div \frac{4}{1} = \frac{7}{3} \times \frac{1}{4} = \frac{7}{12}$$

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

$$6. \quad 9 \div \frac{7}{4} = \frac{9}{1} \div \frac{7}{4} = \frac{9}{1} \times \frac{4}{7} = \frac{36}{7} = 5\frac{1}{7}$$

$$7. \quad \frac{11}{6} \div 8 = \frac{11}{6} \div \frac{8}{1} = \frac{11}{6} \times \frac{1}{8} = \frac{11}{48}$$

$$8. \quad \frac{5}{2} \times 3 = \frac{15}{2} = 7\frac{1}{2}$$

$$9. \quad \frac{5}{2} \times 5 = \frac{25}{2} = 12\frac{1}{2}$$

$$10. \quad 8 \times \frac{8}{3} = \frac{64}{3} = 21\frac{1}{3}$$

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $7 \div \frac{5}{4} =$

2. $\frac{11}{6} \div 7 =$

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

4. $\frac{8}{3} \div 7 =$

5. $9 \div \frac{7}{3} =$

6. $\frac{10}{9} \div 3 =$

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

8. $8 \times \frac{14}{9} =$

9. $6 \times \frac{13}{5} =$

10. $\frac{11}{5} \times 4 =$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{11}{6} \div 7 = \frac{11}{6} \div \frac{7}{1} = \frac{11}{6} \times \frac{1}{7} = \frac{11}{42}$$

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

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

$$5. \quad 9 \div \frac{7}{3} = \frac{9}{1} \div \frac{7}{3} = \frac{9}{1} \times \frac{3}{7} = \frac{27}{7} = 3\frac{6}{7}$$

$$6. \quad \frac{10}{9} \div 3 = \frac{10}{9} \div \frac{3}{1} = \frac{10}{9} \times \frac{1}{3} = \frac{10}{27}$$

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

$$8. \quad 8 \times \frac{14}{9} = \frac{112}{9} = 12\frac{4}{9}$$

$$9. \quad 6 \times \frac{13}{5} = \frac{78}{5} = 15\frac{3}{5}$$

$$10. \quad \frac{11}{5} \times 4 = \frac{44}{5} = 8\frac{4}{5}$$

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $7 \div \frac{9}{4} =$

5. $9 \times \frac{12}{5} =$

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

7. $\frac{12}{5} \div 5 =$

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

9. $\frac{11}{9} \div 3 =$

10. $3 \div \frac{5}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{9}{5} \times 6 = \frac{54}{5} = 10\frac{4}{5}$$

$$2. \quad \frac{3}{2} \times 9 = \frac{27}{2} = 13\frac{1}{2}$$

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

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

$$5. \quad 9 \times \frac{12}{5} = \frac{108}{5} = 21\frac{3}{5}$$

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

$$7. \quad \frac{12}{5} \div 5 = \frac{12}{5} \div \frac{5}{1} = \frac{12}{5} \times \frac{1}{5} = \frac{12}{25}$$

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

$$9. \quad \frac{11}{9} \div 3 = \frac{11}{9} \div \frac{3}{1} = \frac{11}{9} \times \frac{1}{3} = \frac{11}{27}$$

$$10. \quad 3 \div \frac{5}{3} = \frac{3}{1} \div \frac{5}{3} = \frac{3}{1} \times \frac{3}{5} = \frac{9}{5} = 1\frac{4}{5}$$

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5 \div \frac{8}{3} =$

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

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

4. $7 \div \frac{8}{7} =$

5. $\frac{11}{6} \div 7 =$

6. $\frac{11}{4} \div 8 =$

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

8. $\frac{3}{2} \div 2 =$

9. $3 \times \frac{11}{8} =$

10. $8 \times \frac{8}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 5 \div \frac{8}{3} = \frac{5}{1} \div \frac{8}{3} = \frac{5}{1} \times \frac{3}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad 3 \times \frac{11}{4} = \frac{33}{4} = 8\frac{1}{4}$$

$$3. \quad 5 \times \frac{5}{2} = \frac{25}{2} = 12\frac{1}{2}$$

$$4. \quad 7 \div \frac{8}{7} = \frac{7}{1} \div \frac{8}{7} = \frac{7}{1} \times \frac{7}{8} = \frac{49}{8} = 6\frac{1}{8}$$

$$5. \quad \frac{11}{6} \div 7 = \frac{11}{6} \div \frac{7}{1} = \frac{11}{6} \times \frac{1}{7} = \frac{11}{42}$$

$$6. \quad \frac{11}{4} \div 8 = \frac{11}{4} \div \frac{8}{1} = \frac{11}{4} \times \frac{1}{8} = \frac{11}{32}$$

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

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

$$9. \quad 3 \times \frac{11}{8} = \frac{33}{8} = 4\frac{1}{8}$$

$$10. \quad 8 \times \frac{8}{3} = \frac{64}{3} = 21\frac{1}{3}$$