

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $4 \div \frac{22}{9} =$

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

4. $\frac{23}{9} \times 7 =$

5. $9 \div \frac{11}{7} =$

6. $\frac{26}{9} \div 3 =$

7. $\frac{23}{9} \times 5 =$

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

9. $2 \div \frac{4}{3} =$

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

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 7 \div \frac{5}{2} = \frac{7}{1} \div \frac{5}{2} = \frac{7}{1} \times \frac{2}{5} = \frac{14}{5} = 2\frac{4}{5}$$

$$2. \quad 4 \div \frac{22}{9} = \frac{4}{1} \div \frac{22}{9} = \frac{4}{1} \times \frac{9}{22} = \frac{36}{22} = \frac{18}{11} = 1\frac{7}{11}$$

$$3. \quad 4 \times \frac{11}{4} = \frac{44}{4} = 11$$

$$4. \quad \frac{23}{9} \times 7 = \frac{161}{9} = 17\frac{8}{9}$$

$$5. \quad 9 \div \frac{11}{7} = \frac{9}{1} \div \frac{11}{7} = \frac{9}{1} \times \frac{7}{11} = \frac{63}{11} = 5\frac{8}{11}$$

$$6. \quad \frac{26}{9} \div 3 = \frac{26}{9} \div \frac{3}{1} = \frac{26}{9} \times \frac{1}{3} = \frac{26}{27}$$

$$7. \quad \frac{23}{9} \times 5 = \frac{115}{9} = 12\frac{7}{9}$$

$$8. \quad 7 \times \frac{3}{2} = \frac{21}{2} = 10\frac{1}{2}$$

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

$$10. \quad \frac{7}{3} \times 5 = \frac{35}{3} = 11\frac{2}{3}$$

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $5 \times \frac{19}{9} =$

4. $5 \times \frac{26}{9} =$

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

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

7. $\frac{19}{7} \div 6 =$

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

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

10. $7 \div \frac{11}{6} =$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 6 \times \frac{8}{3} = \frac{48}{3} = 16$$

$$3. \quad 5 \times \frac{19}{9} = \frac{95}{9} = 10\frac{5}{9}$$

$$4. \quad 5 \times \frac{26}{9} = \frac{130}{9} = 14\frac{4}{9}$$

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

$$6. \quad \frac{11}{4} \times 3 = \frac{33}{4} = 8\frac{1}{4}$$

$$7. \quad \frac{19}{7} \div 6 = \frac{19}{7} \div \frac{6}{1} = \frac{19}{7} \times \frac{1}{6} = \frac{19}{42}$$

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

$$9. \quad \frac{9}{4} \times 3 = \frac{27}{4} = 6\frac{3}{4}$$

$$10. \quad 7 \div \frac{11}{6} = \frac{7}{1} \div \frac{11}{6} = \frac{7}{1} \times \frac{6}{11} = \frac{42}{11} = 3\frac{9}{11}$$

Multiplying and Dividing Whole Numbers and Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $9 \div \frac{13}{5} =$

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

4. $\frac{5}{2} \div 8 =$

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

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

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

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

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

10. $7 \times \frac{8}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 4 \times \frac{17}{8} = \frac{68}{8} = \frac{17}{2} = 8\frac{1}{2}$$

$$2. \quad 9 \div \frac{13}{5} = \frac{9}{1} \div \frac{13}{5} = \frac{9}{1} \times \frac{5}{13} = \frac{45}{13} = 3\frac{6}{13}$$

$$3. \quad \frac{9}{5} \div 5 = \frac{9}{5} \div \frac{5}{1} = \frac{9}{5} \times \frac{1}{5} = \frac{9}{25}$$

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

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

$$6. \quad 3 \div \frac{6}{5} = \frac{3}{1} \div \frac{6}{5} = \frac{3}{1} \times \frac{5}{6} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$7. \quad \frac{9}{8} \times 3 = \frac{27}{8} = 3\frac{3}{8}$$

$$8. \quad \frac{5}{2} \times 9 = \frac{45}{2} = 22\frac{1}{2}$$

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

$$10. \quad 7 \times \frac{8}{3} = \frac{56}{3} = 18\frac{2}{3}$$

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \times \frac{11}{8} =$

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

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

4. $6 \div \frac{8}{5} =$

5. $3 \div \frac{12}{5} =$

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

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

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

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

10. $4 \div \frac{3}{2} =$

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 6 \times \frac{11}{8} = \frac{66}{8} = \frac{33}{4} = 8\frac{1}{4}$$

$$2. \quad 4 \times \frac{7}{3} = \frac{28}{3} = 9\frac{1}{3}$$

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

$$4. \quad 6 \div \frac{8}{5} = \frac{6}{1} \div \frac{8}{5} = \frac{6}{1} \times \frac{5}{8} = \frac{30}{8} = \frac{15}{4} = 3\frac{3}{4}$$

$$5. \quad 3 \div \frac{12}{5} = \frac{3}{1} \div \frac{12}{5} = \frac{3}{1} \times \frac{5}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$6. \quad 2 \times \frac{9}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

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

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

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

$$10. \quad 4 \div \frac{3}{2} = \frac{4}{1} \div \frac{3}{2} = \frac{4}{1} \times \frac{2}{3} = \frac{8}{3} = 2\frac{2}{3}$$

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{13}{8} \times 4 =$

2. $7 \div \frac{13}{6} =$

3. $\frac{6}{5} \div 8 =$

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{13}{8} \times 4 = \frac{52}{8} = \frac{13}{2} = 6\frac{1}{2}$$

$$2. 7 \div \frac{13}{6} = \frac{7}{1} \div \frac{13}{6} = \frac{7}{1} \times \frac{6}{13} = \frac{42}{13} = 3\frac{3}{13}$$

$$3. \frac{6}{5} \div 8 = \frac{6}{5} \div \frac{8}{1} = \frac{6}{5} \times \frac{1}{8} = \frac{6}{40} = \frac{3}{20}$$

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

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

$$6. \frac{7}{5} \div 5 = \frac{7}{5} \div \frac{5}{1} = \frac{7}{5} \times \frac{1}{5} = \frac{7}{25}$$

$$7. \frac{7}{3} \times 3 = \frac{21}{3} = 7$$

$$8. \frac{7}{6} \times 5 = \frac{35}{6} = 5\frac{5}{6}$$

$$9. \frac{20}{7} \times 5 = \frac{100}{7} = 14\frac{2}{7}$$

$$10. 9 \times \frac{3}{2} = \frac{27}{2} = 13\frac{1}{2}$$

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{13}{5} \times 7 =$

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

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

10. $6 \div \frac{4}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{17}{8} \times 6 = \frac{102}{8} = \frac{51}{4} = 12\frac{3}{4}$$

$$2. \quad 5 \times \frac{9}{4} = \frac{45}{4} = 11\frac{1}{4}$$

$$3. \quad \frac{8}{5} \div 7 = \frac{8}{5} \div \frac{7}{1} = \frac{8}{5} \times \frac{1}{7} = \frac{8}{35}$$

$$4. \quad \frac{5}{2} \times 9 = \frac{45}{2} = 22\frac{1}{2}$$

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

$$6. \quad 4 \times \frac{9}{8} = \frac{36}{8} = \frac{9}{2} = 4\frac{1}{2}$$

$$7. \quad \frac{13}{5} \times 7 = \frac{91}{5} = 18\frac{1}{5}$$

$$8. \quad 5 \div \frac{5}{4} = \frac{5}{1} \div \frac{5}{4} = \frac{5}{1} \times \frac{4}{5} = \frac{20}{5} = 4$$

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

$$10. \quad 6 \div \frac{4}{3} = \frac{6}{1} \div \frac{4}{3} = \frac{6}{1} \times \frac{3}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

Multiplying and Dividing Whole Numbers and Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $4 \div \frac{3}{2} =$

10. $\frac{25}{9} \div 2 =$

Multiplying and Dividing Whole Numbers and Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 6 \times \frac{10}{9} = \frac{60}{9} = \frac{20}{3} = 6\frac{2}{3}$$

$$2. \quad 7 \times \frac{14}{5} = \frac{98}{5} = 19\frac{3}{5}$$

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

$$4. \quad \frac{7}{3} \times 6 = \frac{42}{3} = 14$$

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

$$6. \quad \frac{7}{3} \times 9 = \frac{63}{3} = 21$$

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

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

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

$$10. \quad \frac{25}{9} \div 2 = \frac{25}{9} \div \frac{2}{1} = \frac{25}{9} \times \frac{1}{2} = \frac{25}{18} = 1\frac{7}{18}$$

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3 \div \frac{17}{9} =$

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

4. $\frac{18}{7} \div 9 =$

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

6. $2 \div \frac{9}{4} =$

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

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

9. $\frac{17}{7} \times 9 =$

10. $8 \times \frac{13}{7} =$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 3 \div \frac{17}{9} = \frac{3}{1} \div \frac{17}{9} = \frac{3}{1} \times \frac{9}{17} = \frac{27}{17} = 1\frac{10}{17}$$

$$3. \quad 9 \times \frac{8}{3} = \frac{72}{3} = 24$$

$$4. \quad \frac{18}{7} \div 9 = \frac{18}{7} \div \frac{9}{1} = \frac{18}{7} \times \frac{1}{9} = \frac{18}{63} = \frac{2}{7}$$

$$5. \quad 9 \div \frac{12}{5} = \frac{9}{1} \div \frac{12}{5} = \frac{9}{1} \times \frac{5}{12} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

$$6. \quad 2 \div \frac{9}{4} = \frac{2}{1} \div \frac{9}{4} = \frac{2}{1} \times \frac{4}{9} = \frac{8}{9}$$

$$7. \quad 8 \times \frac{3}{2} = \frac{24}{2} = 12$$

$$8. \quad \frac{5}{3} \times 4 = \frac{20}{3} = 6\frac{2}{3}$$

$$9. \quad \frac{17}{7} \times 9 = \frac{153}{7} = 21\frac{6}{7}$$

$$10. \quad 8 \times \frac{13}{7} = \frac{104}{7} = 14\frac{6}{7}$$

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $3 \div \frac{9}{5} =$

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

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

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

10. $4 \times \frac{13}{6} =$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{3}{2} \times 6 = \frac{18}{2} = 9$$

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

$$4. \quad 8 \div \frac{11}{8} = \frac{8}{1} \div \frac{11}{8} = \frac{8}{1} \times \frac{8}{11} = \frac{64}{11} = 5\frac{9}{11}$$

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

$$6. \quad 3 \div \frac{9}{5} = \frac{3}{1} \div \frac{9}{5} = \frac{3}{1} \times \frac{5}{9} = \frac{15}{9} = \frac{5}{3} = 1\frac{2}{3}$$

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

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

$$9. \quad 7 \times \frac{3}{2} = \frac{21}{2} = 10\frac{1}{2}$$

$$10. \quad 4 \times \frac{13}{6} = \frac{52}{6} = \frac{26}{3} = 8\frac{2}{3}$$

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \div \frac{7}{4} =$

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

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

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

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

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

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

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

9. $\frac{12}{7} \times 2 =$

10. $\frac{11}{4} \times 6 =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 5 \div \frac{9}{4} = \frac{5}{1} \div \frac{9}{4} = \frac{5}{1} \times \frac{4}{9} = \frac{20}{9} = 2\frac{2}{9}$$

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

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

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

$$6. \quad 6 \div \frac{11}{4} = \frac{6}{1} \div \frac{11}{4} = \frac{6}{1} \times \frac{4}{11} = \frac{24}{11} = 2\frac{2}{11}$$

$$7. \quad \frac{11}{4} \div 6 = \frac{11}{4} \div \frac{6}{1} = \frac{11}{4} \times \frac{1}{6} = \frac{11}{24}$$

$$8. \quad \frac{14}{5} \times 6 = \frac{84}{5} = 16\frac{4}{5}$$

$$9. \quad \frac{12}{7} \times 2 = \frac{24}{7} = 3\frac{3}{7}$$

$$10. \quad \frac{11}{4} \times 6 = \frac{66}{4} = \frac{33}{2} = 16\frac{1}{2}$$