

Multiplying and Dividing Proper and Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{4} \div \frac{19}{9} =$

3. $\frac{1}{2} \div \frac{23}{9} =$

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

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

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

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

8. $\frac{2}{3} \div \frac{11}{4} =$

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

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

Multiplying and Dividing Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{9}{8} \div \frac{2}{3} = \frac{9}{8} \times \frac{3}{2} = \frac{27}{16} = 1\frac{11}{16}$$

$$2. \quad \frac{1}{4} \div \frac{19}{9} = \frac{1}{4} \times \frac{9}{19} = \frac{9}{76}$$

$$3. \quad \frac{1}{2} \div \frac{23}{9} = \frac{1}{2} \times \frac{9}{23} = \frac{9}{46}$$

$$4. \quad \frac{5}{6} \times \frac{5}{3} = \frac{25}{18} = 1\frac{7}{18}$$

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

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

$$7. \quad \frac{9}{5} \times \frac{1}{4} = \frac{9}{20}$$

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

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

$$10. \quad \frac{4}{5} \times \frac{7}{5} = \frac{28}{25} = 1\frac{3}{25}$$

Multiplying and Dividing Proper and Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{1}{2} \div \frac{11}{7} =$

4. $\frac{2}{5} \div \frac{11}{8} =$

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

6. $\frac{2}{9} \div \frac{19}{7} =$

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

8. $\frac{4}{7} \times \frac{6}{5} =$

9. $\frac{23}{9} \times \frac{2}{3} =$

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

Multiplying and Dividing Proper and Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{3} \div \frac{7}{8} = \frac{5}{3} \times \frac{8}{7} = \frac{40}{21} = 1\frac{19}{21}$$

$$2. \quad \frac{1}{7} \div \frac{13}{6} = \frac{1}{7} \times \frac{6}{13} = \frac{6}{91}$$

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

$$4. \quad \frac{2}{5} \div \frac{11}{8} = \frac{2}{5} \times \frac{8}{11} = \frac{16}{55}$$

$$5. \quad \frac{3}{8} \times \frac{5}{4} = \frac{15}{32}$$

$$6. \quad \frac{2}{9} \div \frac{19}{7} = \frac{2}{9} \times \frac{7}{19} = \frac{14}{171}$$

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

$$8. \quad \frac{4}{7} \times \frac{6}{5} = \frac{24}{35}$$

$$9. \quad \frac{23}{9} \times \frac{2}{3} = \frac{46}{27} = 1\frac{19}{27}$$

$$10. \quad \frac{7}{4} \times \frac{3}{5} = \frac{21}{20} = 1\frac{1}{20}$$

Multiplying and Dividing Proper and Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{10}{7} \div \frac{3}{4} =$

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

3. $\frac{1}{2} \div \frac{23}{9} =$

4. $\frac{1}{6} \div \frac{14}{5} =$

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

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

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

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

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

10. $\frac{1}{3} \times \frac{11}{4} =$

Multiplying and Dividing Proper and Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{10}{7} \div \frac{3}{4} = \frac{10}{7} \times \frac{4}{3} = \frac{40}{21} = 1\frac{19}{21}$$

$$2. \frac{11}{9} \times \frac{5}{7} = \frac{55}{63}$$

$$3. \frac{1}{2} \div \frac{23}{9} = \frac{1}{2} \times \frac{9}{23} = \frac{9}{46}$$

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

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

$$6. \frac{5}{9} \div \frac{9}{5} = \frac{5}{9} \times \frac{5}{9} = \frac{25}{81}$$

$$7. \frac{5}{8} \div \frac{4}{3} = \frac{5}{8} \times \frac{3}{4} = \frac{15}{32}$$

$$8. \frac{2}{7} \times \frac{4}{3} = \frac{8}{21}$$

$$9. \frac{1}{2} \times \frac{17}{7} = \frac{17}{14} = 1\frac{3}{14}$$

$$10. \frac{1}{3} \times \frac{11}{4} = \frac{11}{12}$$

Multiplying and Dividing Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{19}{7} \times \frac{2}{3} =$

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

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

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

5. $\frac{25}{9} \times \frac{4}{7} =$

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

7. $\frac{17}{8} \times \frac{3}{5} =$

8. $\frac{2}{5} \div \frac{17}{6} =$

9. $\frac{1}{6} \div \frac{11}{5} =$

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

Multiplying and Dividing Proper and Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{19}{7} \times \frac{2}{3} = \frac{38}{21} = 1\frac{17}{21}$$

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

$$3. \frac{1}{7} \div \frac{7}{5} = \frac{1}{7} \times \frac{5}{7} = \frac{5}{49}$$

$$4. \frac{2}{5} \times \frac{11}{5} = \frac{22}{25}$$

$$5. \frac{25}{9} \times \frac{4}{7} = \frac{100}{63} = 1\frac{37}{63}$$

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

$$7. \frac{17}{8} \times \frac{3}{5} = \frac{51}{40} = 1\frac{11}{40}$$

$$8. \frac{2}{5} \div \frac{17}{6} = \frac{2}{5} \times \frac{6}{17} = \frac{12}{85}$$

$$9. \frac{1}{6} \div \frac{11}{5} = \frac{1}{6} \times \frac{5}{11} = \frac{5}{66}$$

$$10. \frac{1}{2} \div \frac{8}{5} = \frac{1}{2} \times \frac{5}{8} = \frac{5}{16}$$

Multiplying and Dividing Proper and Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{2} \div \frac{11}{7} =$

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

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

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

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

7. $\frac{2}{3} \div \frac{13}{5} =$

8. $\frac{11}{7} \times \frac{5}{6} =$

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

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

Multiplying and Dividing Proper and Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{3} \div \frac{3}{4} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

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

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

$$4. \quad \frac{6}{7} \div \frac{7}{4} = \frac{6}{7} \times \frac{4}{7} = \frac{24}{49}$$

$$5. \quad \frac{1}{2} \times \frac{9}{8} = \frac{9}{16}$$

$$6. \quad \frac{1}{4} \times \frac{7}{3} = \frac{7}{12}$$

$$7. \quad \frac{2}{3} \div \frac{13}{5} = \frac{2}{3} \times \frac{5}{13} = \frac{10}{39}$$

$$8. \quad \frac{11}{7} \times \frac{5}{6} = \frac{55}{42} = 1\frac{13}{42}$$

$$9. \quad \frac{7}{9} \div \frac{3}{2} = \frac{7}{9} \times \frac{2}{3} = \frac{14}{27}$$

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

Multiplying and Dividing Proper and Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{10}{7} \div \frac{3}{4} =$

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

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

4. $\frac{9}{4} \times \frac{3}{8} =$

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

6. $\frac{19}{9} \times \frac{2}{7} =$

7. $\frac{1}{2} \div \frac{10}{9} =$

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

9. $\frac{7}{9} \div \frac{6}{5} =$

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

Multiplying and Dividing Proper and Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{10}{7} \div \frac{3}{4} = \frac{10}{7} \times \frac{4}{3} = \frac{40}{21} = 1\frac{19}{21}$$

$$2. \frac{5}{3} \times \frac{1}{9} = \frac{5}{27}$$

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

$$4. \frac{9}{4} \times \frac{3}{8} = \frac{27}{32}$$

$$5. \frac{13}{6} \times \frac{5}{6} = \frac{65}{36} = 1\frac{29}{36}$$

$$6. \frac{19}{9} \times \frac{2}{7} = \frac{38}{63}$$

$$7. \frac{1}{2} \div \frac{10}{9} = \frac{1}{2} \times \frac{9}{10} = \frac{9}{20}$$

$$8. \frac{4}{5} \div \frac{5}{4} = \frac{4}{5} \times \frac{4}{5} = \frac{16}{25}$$

$$9. \frac{7}{9} \div \frac{6}{5} = \frac{7}{9} \times \frac{5}{6} = \frac{35}{54}$$

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

Multiplying and Dividing Proper and Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{2}{3} \times \frac{25}{9} =$

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

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

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

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

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

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

10. $\frac{7}{9} \div \frac{6}{5} =$

Multiplying and Dividing Proper and Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{2}{3} \times \frac{14}{9} = \frac{28}{27} = 1\frac{1}{27}$$

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

$$3. \quad \frac{2}{3} \times \frac{25}{9} = \frac{50}{27} = 1\frac{23}{27}$$

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

$$5. \quad \frac{7}{8} \div \frac{4}{3} = \frac{7}{8} \times \frac{3}{4} = \frac{21}{32}$$

$$6. \quad \frac{3}{5} \times \frac{9}{4} = \frac{27}{20} = 1\frac{7}{20}$$

$$7. \quad \frac{5}{9} \times \frac{11}{9} = \frac{55}{81}$$

$$8. \quad \frac{1}{7} \div \frac{12}{5} = \frac{1}{7} \times \frac{5}{12} = \frac{5}{84}$$

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

$$10. \quad \frac{7}{9} \div \frac{6}{5} = \frac{7}{9} \times \frac{5}{6} = \frac{35}{54}$$

Multiplying and Dividing Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{17}{6} \times \frac{1}{2} =$

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

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

4. $\frac{1}{2} \div \frac{26}{9} =$

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

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

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

8. $\frac{1}{9} \div \frac{6}{5} =$

9. $\frac{1}{5} \div \frac{19}{9} =$

10. $\frac{5}{8} \div \frac{18}{7} =$

Multiplying and Dividing Proper and Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{17}{6} \times \frac{1}{2} = \frac{17}{12} = 1\frac{5}{12}$$

$$2. \frac{11}{7} \times \frac{6}{7} = \frac{66}{49} = 1\frac{17}{49}$$

$$3. \frac{3}{7} \div \frac{5}{2} = \frac{3}{7} \times \frac{2}{5} = \frac{6}{35}$$

$$4. \frac{1}{2} \div \frac{26}{9} = \frac{1}{2} \times \frac{9}{26} = \frac{9}{52}$$

$$5. \frac{8}{9} \times \frac{7}{5} = \frac{56}{45} = 1\frac{11}{45}$$

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

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

$$8. \frac{1}{9} \div \frac{6}{5} = \frac{1}{9} \times \frac{5}{6} = \frac{5}{54}$$

$$9. \frac{1}{5} \div \frac{19}{9} = \frac{1}{5} \times \frac{9}{19} = \frac{9}{95}$$

$$10. \frac{5}{8} \div \frac{18}{7} = \frac{5}{8} \times \frac{7}{18} = \frac{35}{144}$$

Multiplying and Dividing Proper and Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{6} \div \frac{12}{7} =$

3. $\frac{1}{2} \div \frac{7}{3} =$

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

5. $\frac{1}{2} \times \frac{17}{6} =$

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

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

8. $\frac{15}{7} \times \frac{5}{7} =$

9. $\frac{8}{9} \div \frac{13}{7} =$

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

Multiplying and Dividing Proper and Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{3}{2} \div \frac{4}{5} = \frac{3}{2} \times \frac{5}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad \frac{1}{6} \div \frac{12}{7} = \frac{1}{6} \times \frac{7}{12} = \frac{7}{72}$$

$$3. \quad \frac{1}{2} \div \frac{7}{3} = \frac{1}{2} \times \frac{3}{7} = \frac{3}{14}$$

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

$$5. \quad \frac{1}{2} \times \frac{17}{6} = \frac{17}{12} = 1\frac{5}{12}$$

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

$$7. \quad \frac{6}{5} \div \frac{5}{8} = \frac{6}{5} \times \frac{8}{5} = \frac{48}{25} = 1\frac{23}{25}$$

$$8. \quad \frac{15}{7} \times \frac{5}{7} = \frac{75}{49} = 1\frac{26}{49}$$

$$9. \quad \frac{8}{9} \div \frac{13}{7} = \frac{8}{9} \times \frac{7}{13} = \frac{56}{117}$$

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

Multiplying and Dividing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{4}{7} \div \frac{13}{9} =$

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

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

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

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

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

8. $\frac{2}{3} \div \frac{23}{8} =$

9. $\frac{5}{6} \div \frac{12}{5} =$

10. $\frac{5}{3} \div \frac{6}{7} =$

Multiplying and Dividing Proper and Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{7} \times \frac{8}{3} = \frac{40}{21} = 1\frac{19}{21}$$

$$2. \quad \frac{4}{7} \div \frac{13}{9} = \frac{4}{7} \times \frac{9}{13} = \frac{36}{91}$$

$$3. \quad \frac{2}{9} \times \frac{11}{7} = \frac{22}{63}$$

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

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

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

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

$$8. \quad \frac{2}{3} \div \frac{23}{8} = \frac{2}{3} \times \frac{8}{23} = \frac{16}{69}$$

$$9. \quad \frac{5}{6} \div \frac{12}{5} = \frac{5}{6} \times \frac{5}{12} = \frac{25}{72}$$

$$10. \quad \frac{5}{3} \div \frac{6}{7} = \frac{5}{3} \times \frac{7}{6} = \frac{35}{18} = 1\frac{17}{18}$$