

Multiplying and Dividing Proper and Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $\frac{7}{9} \div \frac{4}{3} =$

7. $\frac{13}{7} \times \frac{5}{8} =$

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

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

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

Multiplying and Dividing Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{16}{9} \times \frac{3}{4} = \frac{48}{36} = \frac{4}{3} = 1\frac{1}{3}$$

$$2. \frac{2}{3} \div \frac{11}{7} = \frac{2}{3} \times \frac{7}{11} = \frac{14}{33}$$

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

$$4. \frac{5}{2} \times \frac{5}{9} = \frac{25}{18} = 1\frac{7}{18}$$

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

$$6. \frac{7}{9} \div \frac{4}{3} = \frac{7}{9} \times \frac{3}{4} = \frac{21}{36} = \frac{7}{12}$$

$$7. \frac{13}{7} \times \frac{5}{8} = \frac{65}{56} = 1\frac{9}{56}$$

$$8. \frac{3}{7} \div \frac{5}{3} = \frac{3}{7} \times \frac{3}{5} = \frac{9}{35}$$

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

$$10. \frac{3}{7} \div \frac{7}{4} = \frac{3}{7} \times \frac{4}{7} = \frac{12}{49}$$

Multiplying and Dividing Proper and Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{5}{3} \div \frac{8}{9} =$

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

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

6. $\frac{4}{5} \times \frac{22}{9} =$

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

8. $\frac{1}{9} \div \frac{7}{3} =$

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

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

Multiplying and Dividing Proper and Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{5}{3} \div \frac{8}{9} = \frac{5}{3} \times \frac{9}{8} = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$$

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

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

$$6. \quad \frac{4}{5} \times \frac{22}{9} = \frac{88}{45} = 1\frac{43}{45}$$

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

$$8. \quad \frac{1}{9} \div \frac{7}{3} = \frac{1}{9} \times \frac{3}{7} = \frac{3}{63} = \frac{1}{21}$$

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

$$10. \quad \frac{1}{2} \times \frac{7}{3} = \frac{7}{6} = 1\frac{1}{6}$$

Multiplying and Dividing Proper and Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{16}{7} \times \frac{5}{8} =$

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

3. $\frac{1}{5} \div \frac{17}{6} =$

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

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

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

7. $\frac{13}{5} \times \frac{2}{7} =$

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

9. $\frac{4}{5} \div \frac{17}{9} =$

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

Multiplying and Dividing Proper and Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{16}{7} \times \frac{5}{8} = \frac{80}{56} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$3. \frac{1}{5} \div \frac{17}{6} = \frac{1}{5} \times \frac{6}{17} = \frac{6}{85}$$

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

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

$$6. \frac{1}{4} \div \frac{8}{3} = \frac{1}{4} \times \frac{3}{8} = \frac{3}{32}$$

$$7. \frac{13}{5} \times \frac{2}{7} = \frac{26}{35}$$

$$8. \frac{3}{4} \div \frac{5}{2} = \frac{3}{4} \times \frac{2}{5} = \frac{6}{20} = \frac{3}{10}$$

$$9. \frac{4}{5} \div \frac{17}{9} = \frac{4}{5} \times \frac{9}{17} = \frac{36}{85}$$

$$10. \frac{5}{2} \times \frac{3}{8} = \frac{15}{16}$$

Multiplying and Dividing Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{7} \times \frac{7}{3} = \frac{35}{21} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \quad \frac{6}{7} \div \frac{12}{7} = \frac{6}{7} \times \frac{7}{12} = \frac{42}{84} = \frac{1}{2}$$

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

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

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

$$6. \quad \frac{4}{3} \div \frac{4}{5} = \frac{4}{3} \times \frac{5}{4} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$7. \quad \frac{5}{4} \div \frac{3}{4} = \frac{5}{4} \times \frac{4}{3} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. \quad \frac{6}{5} \times \frac{1}{7} = \frac{6}{35}$$

$$9. \quad \frac{1}{2} \times \frac{19}{7} = \frac{19}{14} = 1\frac{5}{14}$$

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

Multiplying and Dividing Proper and Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{1}{5} \times \frac{25}{9} =$

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

6. $\frac{1}{2} \div \frac{18}{7} =$

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

8. $\frac{3}{4} \div \frac{16}{9} =$

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

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

Multiplying and Dividing Proper and Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{13}{6} \times \frac{2}{3} = \frac{26}{18} = \frac{13}{9} = 1\frac{4}{9}$$

$$2. \frac{1}{6} \times \frac{13}{9} = \frac{13}{54}$$

$$3. \frac{18}{7} \times \frac{2}{3} = \frac{36}{21} = \frac{12}{7} = 1\frac{5}{7}$$

$$4. \frac{1}{5} \times \frac{25}{9} = \frac{25}{45} = \frac{5}{9}$$

$$5. \frac{3}{4} \div \frac{5}{4} = \frac{3}{4} \times \frac{4}{5} = \frac{12}{20} = \frac{3}{5}$$

$$6. \frac{1}{2} \div \frac{18}{7} = \frac{1}{2} \times \frac{7}{18} = \frac{7}{36}$$

$$7. \frac{3}{2} \times \frac{5}{9} = \frac{15}{18} = \frac{5}{6}$$

$$8. \frac{3}{4} \div \frac{16}{9} = \frac{3}{4} \times \frac{9}{16} = \frac{27}{64}$$

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

$$10. \frac{1}{2} \div \frac{11}{7} = \frac{1}{2} \times \frac{7}{11} = \frac{7}{22}$$

Multiplying and Dividing Proper and Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{20}{7} \times \frac{1}{2} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$4. \quad \frac{2}{7} \times \frac{5}{4} = \frac{10}{28} = \frac{5}{14}$$

$$5. \quad \frac{3}{2} \times \frac{3}{7} = \frac{9}{14}$$

$$6. \quad \frac{1}{4} \times \frac{8}{3} = \frac{8}{12} = \frac{2}{3}$$

$$7. \quad \frac{11}{8} \div \frac{6}{7} = \frac{11}{8} \times \frac{7}{6} = \frac{77}{48} = 1\frac{29}{48}$$

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

$$9. \quad \frac{3}{4} \times \frac{5}{4} = \frac{15}{16}$$

$$10. \quad \frac{2}{5} \div \frac{5}{4} = \frac{2}{5} \times \frac{4}{5} = \frac{8}{25}$$

Multiplying and Dividing Proper and Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{6}{7} \div \frac{13}{8} =$

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

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

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

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

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

9. $\frac{1}{2} \div \frac{21}{8} =$

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

Multiplying and Dividing Proper and Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{3} \div \frac{5}{6} = \frac{4}{3} \times \frac{6}{5} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

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

$$3. \quad \frac{6}{7} \div \frac{13}{8} = \frac{6}{7} \times \frac{8}{13} = \frac{48}{91}$$

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

$$5. \quad \frac{2}{5} \times \frac{3}{2} = \frac{6}{10} = \frac{3}{5}$$

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

$$7. \quad \frac{3}{2} \times \frac{4}{5} = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$$

$$8. \quad \frac{1}{2} \times \frac{10}{7} = \frac{10}{14} = \frac{5}{7}$$

$$9. \quad \frac{1}{2} \div \frac{21}{8} = \frac{1}{2} \times \frac{8}{21} = \frac{8}{42} = \frac{4}{21}$$

$$10. \quad \frac{2}{3} \div \frac{5}{2} = \frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$$

Multiplying and Dividing Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{1}{3} \div \frac{19}{8} =$

8. $\frac{1}{9} \div \frac{13}{7} =$

9. $\frac{1}{4} \div \frac{20}{7} =$

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

Multiplying and Dividing Proper and Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{2} \times \frac{4}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$2. \quad \frac{3}{2} \times \frac{6}{7} = \frac{18}{14} = \frac{9}{7} = 1\frac{2}{7}$$

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

$$4. \quad \frac{1}{5} \times \frac{17}{7} = \frac{17}{35}$$

$$5. \quad \frac{1}{2} \times \frac{9}{7} = \frac{9}{14}$$

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

$$7. \quad \frac{1}{3} \div \frac{19}{8} = \frac{1}{3} \times \frac{8}{19} = \frac{8}{57}$$

$$8. \quad \frac{1}{9} \div \frac{13}{7} = \frac{1}{9} \times \frac{7}{13} = \frac{7}{117}$$

$$9. \quad \frac{1}{4} \div \frac{20}{7} = \frac{1}{4} \times \frac{7}{20} = \frac{7}{80}$$

$$10. \quad \frac{2}{5} \div \frac{13}{5} = \frac{2}{5} \times \frac{5}{13} = \frac{10}{65} = \frac{2}{13}$$

Multiplying and Dividing Proper and Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{2}{3} \times \frac{26}{9} =$

3. $\frac{6}{7} \times \frac{16}{7} =$

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

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

6. $\frac{2}{3} \div \frac{11}{5} =$

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{11}{8} \div \frac{3}{4} = \frac{11}{8} \times \frac{4}{3} = \frac{44}{24} = \frac{11}{6} = 1\frac{5}{6}$$

$$2. \frac{2}{3} \times \frac{26}{9} = \frac{52}{27} = 1\frac{25}{27}$$

$$3. \frac{6}{7} \times \frac{16}{7} = \frac{96}{49} = 1\frac{47}{49}$$

$$4. \frac{7}{6} \times \frac{1}{5} = \frac{7}{30}$$

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

$$6. \frac{2}{3} \div \frac{11}{5} = \frac{2}{3} \times \frac{5}{11} = \frac{10}{33}$$

$$7. \frac{7}{9} \div \frac{11}{4} = \frac{7}{9} \times \frac{4}{11} = \frac{28}{99}$$

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

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

$$10. \frac{2}{3} \div \frac{5}{4} = \frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$$

Multiplying and Dividing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{2}{3} \times \frac{12}{7} =$

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

3. $\frac{7}{9} \div \frac{5}{2} =$

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

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

6. $\frac{7}{8} \div \frac{10}{7} =$

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

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

9. $\frac{15}{7} \times \frac{1}{2} =$

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

Multiplying and Dividing Proper and Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{2}{3} \times \frac{12}{7} = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

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

$$3. \quad \frac{7}{9} \div \frac{5}{2} = \frac{7}{9} \times \frac{2}{5} = \frac{14}{45}$$

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

$$5. \quad \frac{5}{6} \div \frac{8}{3} = \frac{5}{6} \times \frac{3}{8} = \frac{15}{48} = \frac{5}{16}$$

$$6. \quad \frac{7}{8} \div \frac{10}{7} = \frac{7}{8} \times \frac{7}{10} = \frac{49}{80}$$

$$7. \quad \frac{1}{4} \div \frac{14}{5} = \frac{1}{4} \times \frac{5}{14} = \frac{5}{56}$$

$$8. \quad \frac{3}{5} \times \frac{7}{3} = \frac{21}{15} = \frac{7}{5} = 1\frac{2}{5}$$

$$9. \quad \frac{15}{7} \times \frac{1}{2} = \frac{15}{14} = 1\frac{1}{14}$$

$$10. \quad \frac{3}{2} \times \frac{1}{8} = \frac{3}{16}$$