

Multiplying and Dividing Proper and Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{3}{5} \times \frac{17}{6} =$

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

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

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

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

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

10. $\frac{13}{6} \times \frac{4}{7} =$

Multiplying and Dividing Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{20}{9} \times \frac{1}{2} = \frac{20}{18} = \frac{10}{9} = 1\frac{1}{9}$$

$$2. \frac{1}{4} \times \frac{16}{9} = \frac{16}{36} = \frac{4}{9}$$

$$3. \frac{7}{6} \div \frac{2}{3} = \frac{7}{6} \times \frac{3}{2} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$4. \frac{3}{5} \times \frac{17}{6} = \frac{51}{30} = \frac{17}{10} = 1\frac{7}{10}$$

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

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

$$7. \frac{20}{9} \times \frac{7}{8} = \frac{140}{72} = \frac{35}{18} = 1\frac{17}{18}$$

$$8. \frac{3}{8} \div \frac{13}{6} = \frac{3}{8} \times \frac{6}{13} = \frac{18}{104} = \frac{9}{52}$$

$$9. \frac{2}{9} \div \frac{14}{5} = \frac{2}{9} \times \frac{5}{14} = \frac{10}{126} = \frac{5}{63}$$

$$10. \frac{13}{6} \times \frac{4}{7} = \frac{52}{42} = \frac{26}{21} = 1\frac{5}{21}$$

Multiplying and Dividing Proper and Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{14}{9} \times \frac{3}{4} =$

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

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

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

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

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

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

8. $\frac{13}{6} \times \frac{4}{7} =$

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

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

Multiplying and Dividing Proper and Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{14}{9} \times \frac{3}{4} = \frac{42}{36} = \frac{7}{6} = 1\frac{1}{6}$$

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

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

$$4. \quad \frac{5}{8} \times \frac{8}{7} = \frac{40}{56} = \frac{5}{7}$$

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

$$6. \quad \frac{1}{4} \times \frac{14}{5} = \frac{14}{20} = \frac{7}{10}$$

$$7. \quad \frac{2}{7} \div \frac{4}{3} = \frac{2}{7} \times \frac{3}{4} = \frac{6}{28} = \frac{3}{14}$$

$$8. \quad \frac{13}{6} \times \frac{4}{7} = \frac{52}{42} = \frac{26}{21} = 1\frac{5}{21}$$

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

$$10. \quad \frac{2}{3} \div \frac{8}{5} = \frac{2}{3} \times \frac{5}{8} = \frac{10}{24} = \frac{5}{12}$$

Multiplying and Dividing Proper and Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{20}{7} \times \frac{1}{4} =$

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

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

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

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

8. $\frac{3}{2} \div \frac{6}{7} =$

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

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

Multiplying and Dividing Proper and Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{8} \times \frac{8}{3} = \frac{40}{24} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \quad \frac{7}{9} \div \frac{4}{3} = \frac{7}{9} \times \frac{3}{4} = \frac{21}{36} = \frac{7}{12}$$

$$3. \quad \frac{20}{7} \times \frac{1}{4} = \frac{20}{28} = \frac{5}{7}$$

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

$$5. \quad \frac{7}{5} \times \frac{5}{8} = \frac{35}{40} = \frac{7}{8}$$

$$6. \quad \frac{5}{4} \times \frac{3}{5} = \frac{15}{20} = \frac{3}{4}$$

$$7. \quad \frac{5}{9} \div \frac{4}{3} = \frac{5}{9} \times \frac{3}{4} = \frac{15}{36} = \frac{5}{12}$$

$$8. \quad \frac{3}{2} \div \frac{6}{7} = \frac{3}{2} \times \frac{7}{6} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

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

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

Multiplying and Dividing Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{6} \times \frac{15}{7} =$

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

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

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

5. $\frac{21}{8} \times \frac{2}{9} =$

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

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{6} \times \frac{15}{7} = \frac{75}{42} = \frac{25}{14} = 1\frac{11}{14}$$

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

$$3. \quad \frac{9}{5} \times \frac{2}{3} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$

$$4. \quad \frac{7}{8} \times \frac{4}{3} = \frac{28}{24} = \frac{7}{6} = 1\frac{1}{6}$$

$$5. \quad \frac{21}{8} \times \frac{2}{9} = \frac{42}{72} = \frac{7}{12}$$

$$6. \quad \frac{4}{9} \times \frac{6}{5} = \frac{24}{45} = \frac{8}{15}$$

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

$$8. \quad \frac{2}{5} \div \frac{7}{5} = \frac{2}{5} \times \frac{5}{7} = \frac{10}{35} = \frac{2}{7}$$

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

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

Multiplying and Dividing Proper and Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{13}{6} \times \frac{6}{7} =$

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

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

4. $\frac{17}{6} \times \frac{2}{7} =$

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

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

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{13}{6} \times \frac{6}{7} = \frac{78}{42} = \frac{13}{7} = 1\frac{6}{7}$$

$$2. \frac{1}{2} \times \frac{10}{9} = \frac{10}{18} = \frac{5}{9}$$

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

$$4. \frac{17}{6} \times \frac{2}{7} = \frac{34}{42} = \frac{17}{21}$$

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

$$6. \frac{1}{7} \div \frac{18}{7} = \frac{1}{7} \times \frac{7}{18} = \frac{7}{126} = \frac{1}{18}$$

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

$$8. \frac{3}{8} \div \frac{5}{2} = \frac{3}{8} \times \frac{2}{5} = \frac{6}{40} = \frac{3}{20}$$

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

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

Multiplying and Dividing Proper and Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{5}{8} \times \frac{12}{5} =$

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

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

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

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

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

9. $\frac{1}{2} \div \frac{17}{6} =$

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

Multiplying and Dividing Proper and Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{3} \times \frac{3}{4} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$2. \quad \frac{1}{2} \div \frac{9}{8} = \frac{1}{2} \times \frac{8}{9} = \frac{8}{18} = \frac{4}{9}$$

$$3. \quad \frac{5}{8} \times \frac{12}{5} = \frac{60}{40} = \frac{3}{2} = 1\frac{1}{2}$$

$$4. \quad \frac{7}{9} \div \frac{7}{5} = \frac{7}{9} \times \frac{5}{7} = \frac{35}{63} = \frac{5}{9}$$

$$5. \quad \frac{4}{7} \div \frac{4}{3} = \frac{4}{7} \times \frac{3}{4} = \frac{12}{28} = \frac{3}{7}$$

$$6. \quad \frac{6}{7} \times \frac{17}{9} = \frac{102}{63} = \frac{34}{21} = 1\frac{13}{21}$$

$$7. \quad \frac{4}{5} \times \frac{15}{8} = \frac{60}{40} = \frac{3}{2} = 1\frac{1}{2}$$

$$8. \quad \frac{2}{3} \times \frac{6}{5} = \frac{12}{15} = \frac{4}{5}$$

$$9. \quad \frac{1}{2} \div \frac{17}{6} = \frac{1}{2} \times \frac{6}{17} = \frac{6}{34} = \frac{3}{17}$$

$$10. \quad \frac{8}{7} \div \frac{6}{7} = \frac{8}{7} \times \frac{7}{6} = \frac{56}{42} = \frac{4}{3} = 1\frac{1}{3}$$

Multiplying and Dividing Proper and Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{21}{8} \times \frac{2}{5} =$

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

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

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

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

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

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

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

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

10. $\frac{1}{3} \div \frac{10}{9} =$

Multiplying and Dividing Proper and Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{21}{8} \times \frac{2}{5} = \frac{42}{40} = \frac{21}{20} = 1\frac{1}{20}$$

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

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

$$4. \frac{1}{4} \div \frac{5}{2} = \frac{1}{4} \times \frac{2}{5} = \frac{2}{20} = \frac{1}{10}$$

$$5. \frac{3}{4} \div \frac{7}{4} = \frac{3}{4} \times \frac{4}{7} = \frac{12}{28} = \frac{3}{7}$$

$$6. \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$7. \frac{1}{3} \times \frac{12}{5} = \frac{12}{15} = \frac{4}{5}$$

$$8. \frac{5}{6} \times \frac{9}{4} = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$$

$$9. \frac{5}{6} \div \frac{3}{2} = \frac{5}{6} \times \frac{2}{3} = \frac{10}{18} = \frac{5}{9}$$

$$10. \frac{1}{3} \div \frac{10}{9} = \frac{1}{3} \times \frac{9}{10} = \frac{9}{30} = \frac{3}{10}$$

Multiplying and Dividing Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $\frac{5}{6} \div \frac{7}{4} =$

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

Multiplying and Dividing Proper and Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{9}{4} \times \frac{2}{3} = \frac{18}{12} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \quad \frac{2}{5} \times \frac{20}{7} = \frac{40}{35} = \frac{8}{7} = 1\frac{1}{7}$$

$$3. \quad \frac{3}{8} \times \frac{5}{3} = \frac{15}{24} = \frac{5}{8}$$

$$4. \quad \frac{1}{4} \times \frac{16}{7} = \frac{16}{28} = \frac{4}{7}$$

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

$$6. \quad \frac{1}{2} \div \frac{13}{6} = \frac{1}{2} \times \frac{6}{13} = \frac{6}{26} = \frac{3}{13}$$

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

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

$$9. \quad \frac{5}{6} \div \frac{7}{4} = \frac{5}{6} \times \frac{4}{7} = \frac{20}{42} = \frac{10}{21}$$

$$10. \quad \frac{1}{4} \div \frac{5}{4} = \frac{1}{4} \times \frac{4}{5} = \frac{4}{20} = \frac{1}{5}$$

Multiplying and Dividing Proper and Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $\frac{1}{2} \div \frac{17}{6} =$

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

Multiplying and Dividing Proper and Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{3}{2} \times \frac{4}{9} = \frac{12}{18} = \frac{2}{3}$$

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

$$4. \quad \frac{6}{5} \div \frac{6}{7} = \frac{6}{5} \times \frac{7}{6} = \frac{42}{30} = \frac{7}{5} = 1\frac{2}{5}$$

$$5. \quad \frac{7}{4} \times \frac{6}{7} = \frac{42}{28} = \frac{3}{2} = 1\frac{1}{2}$$

$$6. \quad \frac{2}{3} \div \frac{6}{5} = \frac{2}{3} \times \frac{5}{6} = \frac{10}{18} = \frac{5}{9}$$

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

$$8. \quad \frac{2}{5} \div \frac{8}{3} = \frac{2}{5} \times \frac{3}{8} = \frac{6}{40} = \frac{3}{20}$$

$$9. \quad \frac{1}{2} \div \frac{17}{6} = \frac{1}{2} \times \frac{6}{17} = \frac{6}{34} = \frac{3}{17}$$

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

Multiplying and Dividing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{1}{2} \div \frac{17}{8} =$

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

5. $\frac{1}{8} \times \frac{10}{9} =$

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

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{5}{9} \div \frac{5}{2} = \frac{5}{9} \times \frac{2}{5} = \frac{10}{45} = \frac{2}{9}$$

$$3. \quad \frac{1}{2} \div \frac{17}{8} = \frac{1}{2} \times \frac{8}{17} = \frac{8}{34} = \frac{4}{17}$$

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

$$5. \quad \frac{1}{8} \times \frac{10}{9} = \frac{10}{72} = \frac{5}{36}$$

$$6. \quad \frac{1}{2} \div \frac{7}{4} = \frac{1}{2} \times \frac{4}{7} = \frac{4}{14} = \frac{2}{7}$$

$$7. \quad \frac{1}{2} \times \frac{8}{5} = \frac{8}{10} = \frac{4}{5}$$

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

$$9. \quad \frac{8}{3} \times \frac{1}{4} = \frac{8}{12} = \frac{2}{3}$$

$$10. \quad \frac{9}{4} \times \frac{7}{9} = \frac{63}{36} = \frac{7}{4} = 1\frac{3}{4}$$