

Multiplying and Dividing Two Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{17}{7} \div \frac{9}{5} =$

3. $\frac{10}{7} \div \frac{23}{9} =$

4. $\frac{13}{8} \times \frac{14}{5} =$

5. $\frac{7}{3} \times \frac{11}{7} =$

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

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

8. $\frac{5}{3} \div \frac{25}{9} =$

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

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

Multiplying and Dividing Two Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{8}{3} \div \frac{13}{6} = \frac{8}{3} \times \frac{6}{13} = \frac{48}{39} = \frac{16}{13} = 1\frac{3}{13}$$

$$2. \quad \frac{17}{7} \div \frac{9}{5} = \frac{17}{7} \times \frac{5}{9} = \frac{85}{63} = 1\frac{22}{63}$$

$$3. \quad \frac{10}{7} \div \frac{23}{9} = \frac{10}{7} \times \frac{9}{23} = \frac{90}{161}$$

$$4. \quad \frac{13}{8} \times \frac{14}{5} = \frac{182}{40} = \frac{91}{20} = 4\frac{11}{20}$$

$$5. \quad \frac{7}{3} \times \frac{11}{7} = \frac{77}{21} = \frac{11}{3} = 3\frac{2}{3}$$

$$6. \quad \frac{25}{9} \times \frac{3}{2} = \frac{75}{18} = \frac{25}{6} = 4\frac{1}{6}$$

$$7. \quad \frac{7}{6} \div \frac{5}{4} = \frac{7}{6} \times \frac{4}{5} = \frac{28}{30} = \frac{14}{15}$$

$$8. \quad \frac{5}{3} \div \frac{25}{9} = \frac{5}{3} \times \frac{9}{25} = \frac{45}{75} = \frac{3}{5}$$

$$9. \quad \frac{4}{3} \times \frac{5}{3} = \frac{20}{9} = 2\frac{2}{9}$$

$$10. \quad \frac{7}{5} \times \frac{5}{4} = \frac{35}{20} = \frac{7}{4} = 1\frac{3}{4}$$

Multiplying and Dividing Two Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{15}{7} \div \frac{7}{4} =$

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

6. $\frac{8}{7} \div \frac{16}{7} =$

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

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

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

10. $\frac{15}{8} \times \frac{13}{7} =$

Multiplying and Dividing Two Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{9}{4} \div \frac{11}{5} = \frac{9}{4} \times \frac{5}{11} = \frac{45}{44} = 1\frac{1}{44}$$

$$2. \quad \frac{11}{8} \div \frac{3}{2} = \frac{11}{8} \times \frac{2}{3} = \frac{22}{24} = \frac{11}{12}$$

$$3. \quad \frac{7}{3} \times \frac{12}{7} = \frac{84}{21} = 4$$

$$4. \quad \frac{15}{7} \div \frac{7}{4} = \frac{15}{7} \times \frac{4}{7} = \frac{60}{49} = 1\frac{11}{49}$$

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

$$6. \quad \frac{8}{7} \div \frac{16}{7} = \frac{8}{7} \times \frac{7}{16} = \frac{56}{112} = \frac{1}{2}$$

$$7. \quad \frac{7}{4} \times \frac{9}{4} = \frac{63}{16} = 3\frac{15}{16}$$

$$8. \quad \frac{7}{5} \times \frac{3}{2} = \frac{21}{10} = 2\frac{1}{10}$$

$$9. \quad \frac{3}{2} \times \frac{5}{2} = \frac{15}{4} = 3\frac{3}{4}$$

$$10. \quad \frac{15}{8} \times \frac{13}{7} = \frac{195}{56} = 3\frac{27}{56}$$

Multiplying and Dividing Two Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{19}{9} \div \frac{5}{4} =$

4. $\frac{7}{3} \div \frac{11}{5} =$

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

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

7. $\frac{5}{4} \times \frac{13}{9} =$

8. $\frac{12}{5} \div \frac{11}{6} =$

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

10. $\frac{6}{5} \div \frac{19}{8} =$

Multiplying and Dividing Two Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{12}{7} \times \frac{3}{2} = \frac{36}{14} = \frac{18}{7} = 2\frac{4}{7}$$

$$2. \quad \frac{17}{6} \times \frac{11}{7} = \frac{187}{42} = 4\frac{19}{42}$$

$$3. \quad \frac{19}{9} \div \frac{5}{4} = \frac{19}{9} \times \frac{4}{5} = \frac{76}{45} = 1\frac{31}{45}$$

$$4. \quad \frac{7}{3} \div \frac{11}{5} = \frac{7}{3} \times \frac{5}{11} = \frac{35}{33} = 1\frac{2}{33}$$

$$5. \quad \frac{17}{9} \div \frac{5}{4} = \frac{17}{9} \times \frac{4}{5} = \frac{68}{45} = 1\frac{23}{45}$$

$$6. \quad \frac{7}{5} \times \frac{3}{2} = \frac{21}{10} = 2\frac{1}{10}$$

$$7. \quad \frac{5}{4} \times \frac{13}{9} = \frac{65}{36} = 1\frac{29}{36}$$

$$8. \quad \frac{12}{5} \div \frac{11}{6} = \frac{12}{5} \times \frac{6}{11} = \frac{72}{55} = 1\frac{17}{55}$$

$$9. \quad \frac{5}{3} \times \frac{6}{5} = \frac{30}{15} = 2$$

$$10. \quad \frac{6}{5} \div \frac{19}{8} = \frac{6}{5} \times \frac{8}{19} = \frac{48}{95}$$

Multiplying and Dividing Two Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{2} \div \frac{13}{6} =$

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

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

4. $\frac{23}{9} \div \frac{13}{5} =$

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

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

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

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

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

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

Multiplying and Dividing Two Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{2} \div \frac{13}{6} = \frac{5}{2} \times \frac{6}{13} = \frac{30}{26} = \frac{15}{13} = 1\frac{2}{13}$$

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

$$3. \quad \frac{4}{3} \div \frac{12}{7} = \frac{4}{3} \times \frac{7}{12} = \frac{28}{36} = \frac{7}{9}$$

$$4. \quad \frac{23}{9} \div \frac{13}{5} = \frac{23}{9} \times \frac{5}{13} = \frac{115}{117}$$

$$5. \quad \frac{9}{7} \div \frac{5}{3} = \frac{9}{7} \times \frac{3}{5} = \frac{27}{35}$$

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

$$7. \quad \frac{14}{9} \times \frac{3}{2} = \frac{42}{18} = \frac{7}{3} = 2\frac{1}{3}$$

$$8. \quad \frac{4}{3} \times \frac{7}{6} = \frac{28}{18} = \frac{14}{9} = 1\frac{5}{9}$$

$$9. \quad \frac{10}{7} \times \frac{9}{4} = \frac{90}{28} = \frac{45}{14} = 3\frac{3}{14}$$

$$10. \quad \frac{5}{4} \times \frac{3}{2} = \frac{15}{8} = 1\frac{7}{8}$$

Multiplying and Dividing Two Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{8}{3} \div \frac{13}{5} =$

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

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

7. $\frac{23}{9} \div \frac{10}{7} =$

8. $\frac{17}{9} \times \frac{14}{9} =$

9. $\frac{11}{9} \times \frac{16}{9} =$

10. $\frac{3}{2} \times \frac{17}{7} =$

Multiplying and Dividing Two Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{8}{3} \div \frac{13}{5} = \frac{8}{3} \times \frac{5}{13} = \frac{40}{39} = 1\frac{1}{39}$$

$$5. \quad \frac{7}{4} \times \frac{9}{4} = \frac{63}{16} = 3\frac{15}{16}$$

$$6. \quad \frac{7}{6} \div \frac{5}{2} = \frac{7}{6} \times \frac{2}{5} = \frac{14}{30} = \frac{7}{15}$$

$$7. \quad \frac{23}{9} \div \frac{10}{7} = \frac{23}{9} \times \frac{7}{10} = \frac{161}{90} = 1\frac{71}{90}$$

$$8. \quad \frac{17}{9} \times \frac{14}{9} = \frac{238}{81} = 2\frac{76}{81}$$

$$9. \quad \frac{11}{9} \times \frac{16}{9} = \frac{176}{81} = 2\frac{14}{81}$$

$$10. \quad \frac{3}{2} \times \frac{17}{7} = \frac{51}{14} = 3\frac{9}{14}$$

Multiplying and Dividing Two Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{20}{9} \times \frac{8}{5} =$

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

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

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

6. $\frac{17}{8} \div \frac{4}{3} =$

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

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

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

10. $\frac{3}{2} \div \frac{17}{6} =$

Multiplying and Dividing Two Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{20}{9} \times \frac{8}{5} = \frac{160}{45} = \frac{32}{9} = 3\frac{5}{9}$$

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

$$4. \quad \frac{3}{2} \div \frac{11}{6} = \frac{3}{2} \times \frac{6}{11} = \frac{18}{22} = \frac{9}{11}$$

$$5. \quad \frac{7}{4} \times \frac{8}{7} = \frac{56}{28} = 2$$

$$6. \quad \frac{17}{8} \div \frac{4}{3} = \frac{17}{8} \times \frac{3}{4} = \frac{51}{32} = 1\frac{19}{32}$$

$$7. \quad \frac{5}{2} \times \frac{5}{3} = \frac{25}{6} = 4\frac{1}{6}$$

$$8. \quad \frac{6}{5} \times \frac{5}{4} = \frac{30}{20} = \frac{3}{2} = 1\frac{1}{2}$$

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

$$10. \quad \frac{3}{2} \div \frac{17}{6} = \frac{3}{2} \times \frac{6}{17} = \frac{18}{34} = \frac{9}{17}$$

Multiplying and Dividing Two Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{14}{5} \div \frac{8}{3} =$

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

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

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

5. $\frac{7}{4} \times \frac{14}{9} =$

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

7. $\frac{20}{7} \div \frac{3}{2} =$

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

9. $\frac{5}{3} \div \frac{11}{7} =$

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

Multiplying and Dividing Two Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{14}{5} \div \frac{8}{3} = \frac{14}{5} \times \frac{3}{8} = \frac{42}{40} = \frac{21}{20} = 1\frac{1}{20}$$

$$2. \frac{5}{2} \times \frac{6}{5} = \frac{30}{10} = 3$$

$$3. \frac{4}{3} \times \frac{7}{4} = \frac{28}{12} = \frac{7}{3} = 2\frac{1}{3}$$

$$4. \frac{18}{7} \times \frac{3}{2} = \frac{54}{14} = \frac{27}{7} = 3\frac{6}{7}$$

$$5. \frac{7}{4} \times \frac{14}{9} = \frac{98}{36} = \frac{49}{18} = 2\frac{13}{18}$$

$$6. \frac{5}{2} \times \frac{5}{4} = \frac{25}{8} = 3\frac{1}{8}$$

$$7. \frac{20}{7} \div \frac{3}{2} = \frac{20}{7} \times \frac{2}{3} = \frac{40}{21} = 1\frac{19}{21}$$

$$8. \frac{4}{3} \div \frac{7}{3} = \frac{4}{3} \times \frac{3}{7} = \frac{12}{21} = \frac{4}{7}$$

$$9. \frac{5}{3} \div \frac{11}{7} = \frac{5}{3} \times \frac{7}{11} = \frac{35}{33} = 1\frac{2}{33}$$

$$10. \frac{11}{6} \div \frac{9}{5} = \frac{11}{6} \times \frac{5}{9} = \frac{55}{54} = 1\frac{1}{54}$$

Multiplying and Dividing Two Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{23}{9} \div \frac{5}{4} =$

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

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

6. $\frac{5}{3} \times \frac{13}{8} =$

7. $\frac{5}{2} \times \frac{13}{8} =$

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

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

10. $\frac{3}{2} \div \frac{16}{9} =$

Multiplying and Dividing Two Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{14}{9} \times \frac{9}{8} = \frac{126}{72} = \frac{7}{4} = 1\frac{3}{4}$$

$$2. \frac{5}{2} \times \frac{5}{4} = \frac{25}{8} = 3\frac{1}{8}$$

$$3. \frac{23}{9} \div \frac{5}{4} = \frac{23}{9} \times \frac{4}{5} = \frac{92}{45} = 2\frac{2}{45}$$

$$4. \frac{7}{4} \div \frac{5}{2} = \frac{7}{4} \times \frac{2}{5} = \frac{14}{20} = \frac{7}{10}$$

$$5. \frac{11}{4} \div \frac{5}{4} = \frac{11}{4} \times \frac{4}{5} = \frac{44}{20} = \frac{11}{5} = 2\frac{1}{5}$$

$$6. \frac{5}{3} \times \frac{13}{8} = \frac{65}{24} = 2\frac{17}{24}$$

$$7. \frac{5}{2} \times \frac{13}{8} = \frac{65}{16} = 4\frac{1}{16}$$

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

$$9. \frac{17}{8} \times \frac{7}{3} = \frac{119}{24} = 4\frac{23}{24}$$

$$10. \frac{3}{2} \div \frac{16}{9} = \frac{3}{2} \times \frac{9}{16} = \frac{27}{32}$$

Multiplying and Dividing Two Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{14}{5} \div \frac{11}{4} =$

4. $\frac{6}{5} \times \frac{11}{9} =$

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

6. $\frac{4}{3} \times \frac{23}{8} =$

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

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

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

10. $\frac{9}{8} \times \frac{26}{9} =$

Multiplying and Dividing Two Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{3} \div \frac{7}{6} = \frac{4}{3} \times \frac{6}{7} = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

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

$$3. \quad \frac{14}{5} \div \frac{11}{4} = \frac{14}{5} \times \frac{4}{11} = \frac{56}{55} = 1\frac{1}{55}$$

$$4. \quad \frac{6}{5} \times \frac{11}{9} = \frac{66}{45} = \frac{22}{15} = 1\frac{7}{15}$$

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

$$6. \quad \frac{4}{3} \times \frac{23}{8} = \frac{92}{24} = \frac{23}{6} = 3\frac{5}{6}$$

$$7. \quad \frac{3}{2} \div \frac{11}{4} = \frac{3}{2} \times \frac{4}{11} = \frac{12}{22} = \frac{6}{11}$$

$$8. \quad \frac{3}{2} \div \frac{11}{7} = \frac{3}{2} \times \frac{7}{11} = \frac{21}{22}$$

$$9. \quad \frac{9}{5} \times \frac{11}{4} = \frac{99}{20} = 4\frac{19}{20}$$

$$10. \quad \frac{9}{8} \times \frac{26}{9} = \frac{234}{72} = \frac{13}{4} = 3\frac{1}{4}$$

Multiplying and Dividing Two Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{14}{5} \div \frac{4}{3} =$

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

3. $\frac{18}{7} \div \frac{10}{7} =$

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

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

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

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

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

9. $\frac{11}{4} \times \frac{6}{5} =$

10. $\frac{23}{9} \times \frac{4}{3} =$

Multiplying and Dividing Two Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{14}{5} \div \frac{4}{3} = \frac{14}{5} \times \frac{3}{4} = \frac{42}{20} = \frac{21}{10} = 2\frac{1}{10}$$

$$2. \quad \frac{7}{5} \times \frac{5}{2} = \frac{35}{10} = \frac{7}{2} = 3\frac{1}{2}$$

$$3. \quad \frac{18}{7} \div \frac{10}{7} = \frac{18}{7} \times \frac{7}{10} = \frac{126}{70} = \frac{9}{5} = 1\frac{4}{5}$$

$$4. \quad \frac{3}{2} \div \frac{7}{3} = \frac{3}{2} \times \frac{3}{7} = \frac{9}{14}$$

$$5. \quad \frac{7}{3} \div \frac{9}{4} = \frac{7}{3} \times \frac{4}{9} = \frac{28}{27} = 1\frac{1}{27}$$

$$6. \quad \frac{5}{4} \div \frac{7}{4} = \frac{5}{4} \times \frac{4}{7} = \frac{20}{28} = \frac{5}{7}$$

$$7. \quad \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$8. \quad \frac{3}{2} \times \frac{10}{7} = \frac{30}{14} = \frac{15}{7} = 2\frac{1}{7}$$

$$9. \quad \frac{11}{4} \times \frac{6}{5} = \frac{66}{20} = \frac{33}{10} = 3\frac{3}{10}$$

$$10. \quad \frac{23}{9} \times \frac{4}{3} = \frac{92}{27} = 3\frac{11}{27}$$