

Multiplying and Dividing Two Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{19}{7} \div \frac{11}{4} =$

8. $\frac{11}{6} \times \frac{5}{2} =$

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

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

Multiplying and Dividing Two Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{10}{7} \div \frac{7}{3} = \frac{10}{7} \times \frac{3}{7} = \frac{30}{49}$$

$$3. \quad \frac{5}{3} \div \frac{9}{4} = \frac{5}{3} \times \frac{4}{9} = \frac{20}{27}$$

$$4. \quad \frac{7}{5} \div \frac{3}{2} = \frac{7}{5} \times \frac{2}{3} = \frac{14}{15}$$

$$5. \quad \frac{16}{9} \times \frac{4}{3} = \frac{64}{27} = 2\frac{10}{27}$$

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

$$7. \quad \frac{19}{7} \div \frac{11}{4} = \frac{19}{7} \times \frac{4}{11} = \frac{76}{77}$$

$$8. \quad \frac{11}{6} \times \frac{5}{2} = \frac{55}{12} = 4\frac{7}{12}$$

$$9. \quad \frac{4}{3} \times \frac{8}{5} = \frac{32}{15} = 2\frac{2}{15}$$

$$10. \quad \frac{9}{8} \times \frac{5}{2} = \frac{45}{16} = 2\frac{13}{16}$$

Multiplying and Dividing Two Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{11}{9} \div \frac{20}{7} =$

4. $\frac{11}{5} \div \frac{13}{8} =$

5. $\frac{18}{7} \div \frac{5}{4} =$

6. $\frac{5}{3} \times \frac{14}{9} =$

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

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

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

10. $\frac{11}{9} \times \frac{20}{7} =$

Multiplying and Dividing Two Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{4} \div \frac{4}{3} = \frac{7}{4} \times \frac{3}{4} = \frac{21}{16} = 1\frac{5}{16}$$

$$2. \quad \frac{7}{5} \div \frac{3}{2} = \frac{7}{5} \times \frac{2}{3} = \frac{14}{15}$$

$$3. \quad \frac{11}{9} \div \frac{20}{7} = \frac{11}{9} \times \frac{7}{20} = \frac{77}{180}$$

$$4. \quad \frac{11}{5} \div \frac{13}{8} = \frac{11}{5} \times \frac{8}{13} = \frac{88}{65} = 1\frac{23}{65}$$

$$5. \quad \frac{18}{7} \div \frac{5}{4} = \frac{18}{7} \times \frac{4}{5} = \frac{72}{35} = 2\frac{2}{35}$$

$$6. \quad \frac{5}{3} \times \frac{14}{9} = \frac{70}{27} = 2\frac{16}{27}$$

$$7. \quad \frac{8}{7} \times \frac{8}{3} = \frac{64}{21} = 3\frac{1}{21}$$

$$8. \quad \frac{7}{6} \times \frac{5}{2} = \frac{35}{12} = 2\frac{11}{12}$$

$$9. \quad \frac{3}{2} \times \frac{7}{5} = \frac{21}{10} = 2\frac{1}{10}$$

$$10. \quad \frac{11}{9} \times \frac{20}{7} = \frac{220}{63} = 3\frac{31}{63}$$

Multiplying and Dividing Two Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{16}{7} \div \frac{13}{6} =$

2. $\frac{16}{9} \times \frac{5}{3} =$

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

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

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

6. $\frac{13}{5} \div \frac{21}{8} =$

7. $\frac{26}{9} \times \frac{4}{3} =$

8. $\frac{3}{2} \div \frac{11}{9} =$

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

10. $\frac{11}{5} \times \frac{8}{5} =$

Multiplying and Dividing Two Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{16}{7} \div \frac{13}{6} = \frac{16}{7} \times \frac{6}{13} = \frac{96}{91} = 1\frac{5}{91}$$

$$2. \frac{16}{9} \times \frac{5}{3} = \frac{80}{27} = 2\frac{26}{27}$$

$$3. \frac{8}{7} \times \frac{8}{5} = \frac{64}{35} = 1\frac{29}{35}$$

$$4. \frac{9}{5} \div \frac{17}{9} = \frac{9}{5} \times \frac{9}{17} = \frac{81}{85}$$

$$5. \frac{7}{4} \times \frac{7}{3} = \frac{49}{12} = 4\frac{1}{12}$$

$$6. \frac{13}{5} \div \frac{21}{8} = \frac{13}{5} \times \frac{8}{21} = \frac{104}{105}$$

$$7. \frac{26}{9} \times \frac{4}{3} = \frac{104}{27} = 3\frac{23}{27}$$

$$8. \frac{3}{2} \div \frac{11}{9} = \frac{3}{2} \times \frac{9}{11} = \frac{27}{22} = 1\frac{5}{22}$$

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

$$10. \frac{11}{5} \times \frac{8}{5} = \frac{88}{25} = 3\frac{13}{25}$$

Multiplying and Dividing Two Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{23}{9} \div \frac{5}{2} =$

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

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

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

5. $\frac{11}{4} \times \frac{9}{8} =$

6. $\frac{3}{2} \div \frac{22}{9} =$

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

8. $\frac{18}{7} \div \frac{5}{4} =$

9. $\frac{16}{9} \times \frac{13}{5} =$

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

Multiplying and Dividing Two Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{23}{9} \div \frac{5}{2} = \frac{23}{9} \times \frac{2}{5} = \frac{46}{45} = 1\frac{1}{45}$$

$$2. \quad \frac{13}{7} \times \frac{5}{2} = \frac{65}{14} = 4\frac{9}{14}$$

$$3. \quad \frac{5}{2} \times \frac{7}{4} = \frac{35}{8} = 4\frac{3}{8}$$

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

$$5. \quad \frac{11}{4} \times \frac{9}{8} = \frac{99}{32} = 3\frac{3}{32}$$

$$6. \quad \frac{3}{2} \div \frac{22}{9} = \frac{3}{2} \times \frac{9}{22} = \frac{27}{44}$$

$$7. \quad \frac{13}{9} \div \frac{5}{2} = \frac{13}{9} \times \frac{2}{5} = \frac{26}{45}$$

$$8. \quad \frac{18}{7} \div \frac{5}{4} = \frac{18}{7} \times \frac{4}{5} = \frac{72}{35} = 2\frac{2}{35}$$

$$9. \quad \frac{16}{9} \times \frac{13}{5} = \frac{208}{45} = 4\frac{28}{45}$$

$$10. \quad \frac{8}{3} \div \frac{3}{2} = \frac{8}{3} \times \frac{2}{3} = \frac{16}{9} = 1\frac{7}{9}$$

Multiplying and Dividing Two Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{13}{6} \times \frac{11}{9} =$

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

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

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

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

7. $\frac{25}{9} \div \frac{11}{4} =$

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

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

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

Multiplying and Dividing Two Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{13}{6} \times \frac{11}{9} = \frac{143}{54} = 2\frac{35}{54}$$

$$3. \quad \frac{7}{6} \div \frac{8}{7} = \frac{7}{6} \times \frac{7}{8} = \frac{49}{48} = 1\frac{1}{48}$$

$$4. \quad \frac{3}{2} \div \frac{13}{7} = \frac{3}{2} \times \frac{7}{13} = \frac{21}{26}$$

$$5. \quad \frac{9}{4} \div \frac{4}{3} = \frac{9}{4} \times \frac{3}{4} = \frac{27}{16} = 1\frac{11}{16}$$

$$6. \quad \frac{11}{4} \times \frac{3}{2} = \frac{33}{8} = 4\frac{1}{8}$$

$$7. \quad \frac{25}{9} \div \frac{11}{4} = \frac{25}{9} \times \frac{4}{11} = \frac{100}{99} = 1\frac{1}{99}$$

$$8. \quad \frac{7}{6} \times \frac{5}{2} = \frac{35}{12} = 2\frac{11}{12}$$

$$9. \quad \frac{11}{9} \times \frac{11}{4} = \frac{121}{36} = 3\frac{13}{36}$$

$$10. \quad \frac{11}{9} \times \frac{5}{2} = \frac{55}{18} = 3\frac{1}{18}$$

Multiplying and Dividing Two Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{13}{9} \times \frac{17}{8} =$

3. $\frac{20}{9} \times \frac{20}{9} =$

4. $\frac{17}{6} \times \frac{11}{8} =$

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

6. $\frac{12}{5} \times \frac{6}{5} =$

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

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

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

10. $\frac{13}{5} \div \frac{7}{6} =$

Multiplying and Dividing Two Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{3} \div \frac{11}{7} = \frac{7}{3} \times \frac{7}{11} = \frac{49}{33} = 1\frac{16}{33}$$

$$2. \quad \frac{13}{9} \times \frac{17}{8} = \frac{221}{72} = 3\frac{5}{72}$$

$$3. \quad \frac{20}{9} \times \frac{20}{9} = \frac{400}{81} = 4\frac{76}{81}$$

$$4. \quad \frac{17}{6} \times \frac{11}{8} = \frac{187}{48} = 3\frac{43}{48}$$

$$5. \quad \frac{15}{8} \times \frac{3}{2} = \frac{45}{16} = 2\frac{13}{16}$$

$$6. \quad \frac{12}{5} \times \frac{6}{5} = \frac{72}{25} = 2\frac{22}{25}$$

$$7. \quad \frac{8}{5} \div \frac{3}{2} = \frac{8}{5} \times \frac{2}{3} = \frac{16}{15} = 1\frac{1}{15}$$

$$8. \quad \frac{7}{3} \div \frac{5}{2} = \frac{7}{3} \times \frac{2}{5} = \frac{14}{15}$$

$$9. \quad \frac{3}{2} \div \frac{20}{7} = \frac{3}{2} \times \frac{7}{20} = \frac{21}{40}$$

$$10. \quad \frac{13}{5} \div \frac{7}{6} = \frac{13}{5} \times \frac{6}{7} = \frac{78}{35} = 2\frac{8}{35}$$

Multiplying and Dividing Two Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{19}{7} \div \frac{4}{3} =$

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

5. $\frac{13}{8} \div \frac{10}{7} =$

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

7. $\frac{4}{3} \times \frac{13}{5} =$

8. $\frac{18}{7} \times \frac{12}{7} =$

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

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

Multiplying and Dividing Two Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{8}{3} \div \frac{11}{8} = \frac{8}{3} \times \frac{8}{11} = \frac{64}{33} = 1\frac{31}{33}$$

$$2. \quad \frac{4}{3} \div \frac{9}{4} = \frac{4}{3} \times \frac{4}{9} = \frac{16}{27}$$

$$3. \quad \frac{19}{7} \div \frac{4}{3} = \frac{19}{7} \times \frac{3}{4} = \frac{57}{28} = 2\frac{1}{28}$$

$$4. \quad \frac{7}{6} \div \frac{13}{7} = \frac{7}{6} \times \frac{7}{13} = \frac{49}{78}$$

$$5. \quad \frac{13}{8} \div \frac{10}{7} = \frac{13}{8} \times \frac{7}{10} = \frac{91}{80} = 1\frac{11}{80}$$

$$6. \quad \frac{11}{5} \times \frac{7}{4} = \frac{77}{20} = 3\frac{17}{20}$$

$$7. \quad \frac{4}{3} \times \frac{13}{5} = \frac{52}{15} = 3\frac{7}{15}$$

$$8. \quad \frac{18}{7} \times \frac{12}{7} = \frac{216}{49} = 4\frac{20}{49}$$

$$9. \quad \frac{3}{2} \times \frac{15}{7} = \frac{45}{14} = 3\frac{3}{14}$$

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

Multiplying and Dividing Two Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{22}{9} \div \frac{13}{7} =$

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Two Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{22}{9} \div \frac{13}{7} = \frac{22}{9} \times \frac{7}{13} = \frac{154}{117} = 1\frac{37}{117}$$

$$2. \quad \frac{4}{3} \times \frac{8}{3} = \frac{32}{9} = 3\frac{5}{9}$$

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

$$4. \quad \frac{10}{9} \div \frac{3}{2} = \frac{10}{9} \times \frac{2}{3} = \frac{20}{27}$$

$$5. \quad \frac{7}{4} \div \frac{12}{7} = \frac{7}{4} \times \frac{7}{12} = \frac{49}{48} = 1\frac{1}{48}$$

$$6. \quad \frac{8}{3} \div \frac{9}{4} = \frac{8}{3} \times \frac{4}{9} = \frac{32}{27} = 1\frac{5}{27}$$

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

$$8. \quad \frac{3}{2} \times \frac{15}{8} = \frac{45}{16} = 2\frac{13}{16}$$

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

$$10. \quad \frac{7}{4} \times \frac{13}{5} = \frac{91}{20} = 4\frac{11}{20}$$

Multiplying and Dividing Two Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $\frac{23}{9} \div \frac{8}{5} =$

6. $\frac{7}{5} \div \frac{11}{6} =$

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

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

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

10. $\frac{19}{9} \times \frac{4}{3} =$

Multiplying and Dividing Two Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{9}{4} \times \frac{3}{2} = \frac{27}{8} = 3\frac{3}{8}$$

$$2. \quad \frac{4}{3} \div \frac{11}{8} = \frac{4}{3} \times \frac{8}{11} = \frac{32}{33}$$

$$3. \quad \frac{15}{8} \times \frac{5}{2} = \frac{75}{16} = 4\frac{11}{16}$$

$$4. \quad \frac{6}{5} \times \frac{12}{5} = \frac{72}{25} = 2\frac{22}{25}$$

$$5. \quad \frac{23}{9} \div \frac{8}{5} = \frac{23}{9} \times \frac{5}{8} = \frac{115}{72} = 1\frac{43}{72}$$

$$6. \quad \frac{7}{5} \div \frac{11}{6} = \frac{7}{5} \times \frac{6}{11} = \frac{42}{55}$$

$$7. \quad \frac{11}{5} \times \frac{3}{2} = \frac{33}{10} = 3\frac{3}{10}$$

$$8. \quad \frac{3}{2} \div \frac{13}{5} = \frac{3}{2} \times \frac{5}{13} = \frac{15}{26}$$

$$9. \quad \frac{3}{2} \div \frac{20}{7} = \frac{3}{2} \times \frac{7}{20} = \frac{21}{40}$$

$$10. \quad \frac{19}{9} \times \frac{4}{3} = \frac{76}{27} = 2\frac{22}{27}$$

Multiplying and Dividing Two Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{5} \div \frac{19}{9} =$

2. $\frac{19}{8} \times \frac{9}{7} =$

3. $\frac{9}{4} \div \frac{14}{5} =$

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

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

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

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

8. $\frac{5}{2} \div \frac{16}{7} =$

9. $\frac{14}{5} \div \frac{19}{9} =$

10. $\frac{11}{4} \div \frac{4}{3} =$

Multiplying and Dividing Two Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{11}{5} \div \frac{19}{9} = \frac{11}{5} \times \frac{9}{19} = \frac{99}{95} = 1\frac{4}{95}$$

$$2. \frac{19}{8} \times \frac{9}{7} = \frac{171}{56} = 3\frac{3}{56}$$

$$3. \frac{9}{4} \div \frac{14}{5} = \frac{9}{4} \times \frac{5}{14} = \frac{45}{56}$$

$$4. \frac{10}{7} \times \frac{8}{3} = \frac{80}{21} = 3\frac{17}{21}$$

$$5. \frac{15}{7} \times \frac{3}{2} = \frac{45}{14} = 3\frac{3}{14}$$

$$6. \frac{7}{4} \times \frac{7}{3} = \frac{49}{12} = 4\frac{1}{12}$$

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

$$8. \frac{5}{2} \div \frac{16}{7} = \frac{5}{2} \times \frac{7}{16} = \frac{35}{32} = 1\frac{3}{32}$$

$$9. \frac{14}{5} \div \frac{19}{9} = \frac{14}{5} \times \frac{9}{19} = \frac{126}{95} = 1\frac{31}{95}$$

$$10. \frac{11}{4} \div \frac{4}{3} = \frac{11}{4} \times \frac{3}{4} = \frac{33}{16} = 2\frac{1}{16}$$