

Multiplying and Dividing Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Inversion Result Convert ↓

$$2. \quad \frac{12}{7} \times \frac{5}{3} = \text{---} = \text{---} = \text{---}$$

$$3. \quad \frac{5}{2} \times \frac{3}{2} = \text{---} = \text{---}$$

$$4. \quad \frac{17}{6} \div \frac{18}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$5. \quad \frac{3}{2} \div \frac{7}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$7. \quad \frac{5}{3} \times \frac{11}{4} = \text{---} = \text{---}$$

$$8. \quad \frac{5}{3} \div \frac{6}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$9. \quad \frac{9}{4} \div \frac{9}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

Multiplying and Dividing Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{12}{7} \times \frac{5}{3} = \frac{60}{21} = \frac{20}{7} = 2\frac{6}{7}$$

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

$$4. \quad \frac{17}{6} \div \frac{18}{7} = \frac{17}{6} \times \frac{7}{18} = \frac{119}{108} = 1\frac{11}{108}$$

$$5. \quad \frac{3}{2} \div \frac{7}{4} = \frac{3}{2} \times \frac{4}{7} = \frac{12}{14} = \frac{6}{7}$$

$$6. \quad \frac{5}{2} \times \frac{8}{7} = \frac{40}{14} = \frac{20}{7} = 2\frac{6}{7}$$

$$7. \quad \frac{5}{3} \times \frac{11}{4} = \frac{55}{12} = 4\frac{7}{12}$$

$$8. \quad \frac{5}{3} \div \frac{6}{5} = \frac{5}{3} \times \frac{5}{6} = \frac{25}{18} = 1\frac{7}{18}$$

$$9. \quad \frac{9}{4} \div \frac{9}{5} = \frac{9}{4} \times \frac{5}{9} = \frac{45}{36} = \frac{5}{4} = 1\frac{1}{4}$$

$$10. \quad \frac{7}{4} \times \frac{5}{3} = \frac{35}{12} = 2\frac{11}{12}$$

Multiplying and Dividing Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{9}{5} \div \frac{7}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

6. $\frac{9}{4} \div \frac{13}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

8. $\frac{19}{7} \times \frac{5}{3} = \underline{\quad} = \underline{\quad}$

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

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

Multiplying and Dividing Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{8}{3} \times \frac{5}{4} = \frac{40}{12} = \frac{10}{3} = 3\frac{1}{3}$$

$$2. \quad \frac{9}{5} \div \frac{7}{6} = \frac{9}{5} \times \frac{6}{7} = \frac{54}{35} = 1\frac{19}{35}$$

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

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

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

$$6. \quad \frac{9}{4} \div \frac{13}{5} = \frac{9}{4} \times \frac{5}{13} = \frac{45}{52}$$

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

$$8. \quad \frac{19}{7} \times \frac{5}{3} = \frac{95}{21} = 4\frac{11}{21}$$

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

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

Multiplying and Dividing Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{4}{3} \div \frac{13}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

5. $\frac{12}{5} \times \frac{7}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

9. $\frac{9}{5} \times \frac{5}{2} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{17}{6} \div \frac{9}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{4}{3} \div \frac{12}{5} = \frac{4}{3} \times \frac{5}{12} = \frac{20}{36} = \frac{5}{9}$$

$$4. \quad \frac{4}{3} \div \frac{13}{7} = \frac{4}{3} \times \frac{7}{13} = \frac{28}{39}$$

$$5. \quad \frac{12}{5} \times \frac{7}{4} = \frac{84}{20} = \frac{21}{5} = 4\frac{1}{5}$$

$$6. \quad \frac{15}{8} \div \frac{5}{3} = \frac{15}{8} \times \frac{3}{5} = \frac{45}{40} = \frac{9}{8} = 1\frac{1}{8}$$

$$7. \quad \frac{8}{5} \times \frac{3}{2} = \frac{24}{10} = \frac{12}{5} = 2\frac{2}{5}$$

$$8. \quad \frac{5}{3} \div \frac{7}{5} = \frac{5}{3} \times \frac{5}{7} = \frac{25}{21} = 1\frac{4}{21}$$

$$9. \quad \frac{9}{5} \times \frac{5}{2} = \frac{45}{10} = \frac{9}{2} = 4\frac{1}{2}$$

$$10. \quad \frac{17}{6} \div \frac{9}{5} = \frac{17}{6} \times \frac{5}{9} = \frac{85}{54} = 1\frac{31}{54}$$

Multiplying and Dividing Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{21}{8} \times \frac{10}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

3. $\frac{20}{9} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $\frac{5}{2} \times \frac{13}{8} = \underline{\quad} = \underline{\quad}$

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

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

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

8. $\frac{11}{9} \times \frac{4}{3} = \underline{\quad} = \underline{\quad}$

9. $\frac{11}{8} \times \frac{18}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{8}{5} \times \frac{19}{7} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{21}{8} \times \frac{10}{9} = \frac{210}{72} = \frac{35}{12} = 2\frac{11}{12}$$

$$2. \frac{7}{3} \div \frac{11}{7} = \frac{7}{3} \times \frac{7}{11} = \frac{49}{33} = 1\frac{16}{33}$$

$$3. \frac{20}{9} \div \frac{8}{3} = \frac{20}{9} \times \frac{3}{8} = \frac{60}{72} = \frac{5}{6}$$

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

$$5. \frac{7}{3} \div \frac{8}{3} = \frac{7}{3} \times \frac{3}{8} = \frac{21}{24} = \frac{7}{8}$$

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

$$7. \frac{5}{2} \div \frac{7}{3} = \frac{5}{2} \times \frac{3}{7} = \frac{15}{14} = 1\frac{1}{14}$$

$$8. \frac{11}{9} \times \frac{4}{3} = \frac{44}{27} = 1\frac{17}{27}$$

$$9. \frac{11}{8} \times \frac{18}{7} = \frac{198}{56} = \frac{99}{28} = 3\frac{15}{28}$$

$$10. \frac{8}{5} \times \frac{19}{7} = \frac{152}{35} = 4\frac{12}{35}$$

Multiplying and Dividing Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{7}{6} \times \frac{16}{9} = \text{---} = \text{---} = \text{---}$

3. $\frac{12}{7} \div \frac{15}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{11}{4} \div \frac{13}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $\frac{5}{2} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $\frac{7}{3} \times \frac{9}{8} = \text{---} = \text{---} = \text{---}$

7. $\frac{5}{2} \times \frac{16}{9} = \text{---} = \text{---} = \text{---}$

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

9. $\frac{5}{2} \div \frac{7}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

Multiplying and Dividing Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{3} \div \frac{5}{4} = \frac{4}{3} \times \frac{4}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$2. \quad \frac{7}{6} \times \frac{16}{9} = \frac{112}{54} = \frac{56}{27} = 2\frac{2}{27}$$

$$3. \quad \frac{12}{7} \div \frac{15}{8} = \frac{12}{7} \times \frac{8}{15} = \frac{96}{105} = \frac{32}{35}$$

$$4. \quad \frac{11}{4} \div \frac{13}{5} = \frac{11}{4} \times \frac{5}{13} = \frac{55}{52} = 1\frac{3}{52}$$

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

$$6. \quad \frac{7}{3} \times \frac{9}{8} = \frac{63}{24} = \frac{21}{8} = 2\frac{5}{8}$$

$$7. \quad \frac{5}{2} \times \frac{16}{9} = \frac{80}{18} = \frac{40}{9} = 4\frac{4}{9}$$

$$8. \quad \frac{7}{6} \times \frac{13}{6} = \frac{91}{36} = 2\frac{19}{36}$$

$$9. \quad \frac{5}{2} \div \frac{7}{4} = \frac{5}{2} \times \frac{4}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

Multiplying and Dividing Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{8}{3} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

8. $\frac{16}{7} \div \frac{9}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{13}{7} \times \frac{11}{6} = \underline{\quad} = \underline{\quad}$

10. $\frac{9}{4} \div \frac{14}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{5}{2} \div \frac{11}{4} = \frac{5}{2} \times \frac{4}{11} = \frac{20}{22} = \frac{10}{11}$$

$$5. \quad \frac{9}{5} \times \frac{7}{4} = \frac{63}{20} = 3\frac{3}{20}$$

$$6. \quad \frac{3}{2} \div \frac{9}{7} = \frac{3}{2} \times \frac{7}{9} = \frac{21}{18} = \frac{7}{6} = 1\frac{1}{6}$$

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

$$8. \quad \frac{16}{7} \div \frac{9}{4} = \frac{16}{7} \times \frac{4}{9} = \frac{64}{63} = 1\frac{1}{63}$$

$$9. \quad \frac{13}{7} \times \frac{11}{6} = \frac{143}{42} = 3\frac{17}{42}$$

$$10. \quad \frac{9}{4} \div \frac{14}{9} = \frac{9}{4} \times \frac{9}{14} = \frac{81}{56} = 1\frac{25}{56}$$

Multiplying and Dividing Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{23}{9} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{17}{9} \times \frac{8}{7} = \text{---} = \text{---}$

3. $\frac{16}{9} \times \frac{8}{3} = \text{---} = \text{---}$

4. $\frac{12}{5} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

6. $\frac{3}{2} \div \frac{13}{7} = \text{---} \times \text{---} = \text{---}$

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

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

9. $\frac{13}{5} \div \frac{14}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{12}{7} \times \frac{7}{6} = \text{---} = \text{---}$

Multiplying and Dividing Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{23}{9} \div \frac{9}{4} = \frac{23}{9} \times \frac{4}{9} = \frac{92}{81} = 1\frac{11}{81}$$

$$2. \quad \frac{17}{9} \times \frac{8}{7} = \frac{136}{63} = 2\frac{10}{63}$$

$$3. \quad \frac{16}{9} \times \frac{8}{3} = \frac{128}{27} = 4\frac{20}{27}$$

$$4. \quad \frac{12}{5} \div \frac{3}{2} = \frac{12}{5} \times \frac{2}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

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

$$6. \quad \frac{3}{2} \div \frac{13}{7} = \frac{3}{2} \times \frac{7}{13} = \frac{21}{26}$$

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

$$8. \quad \frac{13}{5} \times \frac{8}{7} = \frac{104}{35} = 2\frac{34}{35}$$

$$9. \quad \frac{13}{5} \div \frac{14}{9} = \frac{13}{5} \times \frac{9}{14} = \frac{117}{70} = 1\frac{47}{70}$$

$$10. \quad \frac{12}{7} \times \frac{7}{6} = \frac{84}{42} = 2$$

Multiplying and Dividing Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{18}{7} \div \frac{11}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

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

8. $\frac{9}{8} \div \frac{6}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

Multiplying and Dividing Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{3} \times \frac{9}{8} = \frac{36}{24} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \quad \frac{18}{7} \div \frac{11}{4} = \frac{18}{7} \times \frac{4}{11} = \frac{72}{77}$$

$$3. \quad \frac{11}{7} \div \frac{3}{2} = \frac{11}{7} \times \frac{2}{3} = \frac{22}{21} = 1\frac{1}{21}$$

$$4. \quad \frac{8}{3} \times \frac{5}{3} = \frac{40}{9} = 4\frac{4}{9}$$

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

$$6. \quad \frac{11}{4} \div \frac{3}{2} = \frac{11}{4} \times \frac{2}{3} = \frac{22}{12} = \frac{11}{6} = 1\frac{5}{6}$$

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

$$8. \quad \frac{9}{8} \div \frac{6}{5} = \frac{9}{8} \times \frac{5}{6} = \frac{45}{48} = \frac{15}{16}$$

$$9. \quad \frac{7}{3} \div \frac{16}{7} = \frac{7}{3} \times \frac{7}{16} = \frac{49}{48} = 1\frac{1}{48}$$

$$10. \quad \frac{11}{5} \times \frac{9}{5} = \frac{99}{25} = 3\frac{24}{25}$$

Multiplying and Dividing Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{4} \div \frac{11}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{3}{2} \times \frac{12}{5} = \text{---} = \text{---} = \text{---}$

3. $\frac{21}{8} \div \frac{13}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{17}{7} \div \frac{7}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

7. $\frac{3}{2} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\frac{5}{3} \times \frac{11}{4} = \text{---} = \text{---}$

9. $\frac{9}{8} \times \frac{14}{9} = \text{---} = \text{---} = \text{---}$

10. $\frac{11}{8} \times \frac{5}{2} = \text{---} = \text{---}$

Multiplying and Dividing Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{11}{4} \div \frac{11}{5} = \frac{11}{4} \times \frac{5}{11} = \frac{55}{44} = \frac{5}{4} = 1\frac{1}{4}$$

$$2. \quad \frac{3}{2} \times \frac{12}{5} = \frac{36}{10} = \frac{18}{5} = 3\frac{3}{5}$$

$$3. \quad \frac{21}{8} \div \frac{13}{9} = \frac{21}{8} \times \frac{9}{13} = \frac{189}{104} = 1\frac{85}{104}$$

$$4. \quad \frac{17}{7} \div \frac{7}{5} = \frac{17}{7} \times \frac{5}{7} = \frac{85}{49} = 1\frac{36}{49}$$

$$5. \quad \frac{5}{3} \times \frac{11}{7} = \frac{55}{21} = 2\frac{13}{21}$$

$$6. \quad \frac{8}{5} \div \frac{3}{2} = \frac{8}{5} \times \frac{2}{3} = \frac{16}{15} = 1\frac{1}{15}$$

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

$$8. \quad \frac{5}{3} \times \frac{11}{4} = \frac{55}{12} = 4\frac{7}{12}$$

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

$$10. \quad \frac{11}{8} \times \frac{5}{2} = \frac{55}{16} = 3\frac{7}{16}$$

Multiplying and Dividing Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{2} \div \frac{13}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{3}{2} \div \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{7}{5} \div \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

6. $\frac{5}{2} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

9. $\frac{9}{4} \times \frac{13}{6} = \text{---} = \text{---} = \text{---}$

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

Multiplying and Dividing Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{2} \div \frac{13}{7} = \frac{5}{2} \times \frac{7}{13} = \frac{35}{26} = 1\frac{9}{26}$$

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

$$3. \frac{7}{5} \div \frac{12}{5} = \frac{7}{5} \times \frac{5}{12} = \frac{35}{60} = \frac{7}{12}$$

$$4. \frac{6}{5} \div \frac{5}{2} = \frac{6}{5} \times \frac{2}{5} = \frac{12}{25}$$

$$5. \frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}$$

$$6. \frac{5}{2} \div \frac{9}{4} = \frac{5}{2} \times \frac{4}{9} = \frac{20}{18} = \frac{10}{9} = 1\frac{1}{9}$$

$$7. \frac{17}{7} \times \frac{5}{3} = \frac{85}{21} = 4\frac{1}{21}$$

$$8. \frac{5}{2} \times \frac{6}{5} = \frac{30}{10} = 3$$

$$9. \frac{9}{4} \times \frac{13}{6} = \frac{117}{24} = \frac{39}{8} = 4\frac{7}{8}$$

$$10. \frac{5}{3} \times \frac{7}{3} = \frac{35}{9} = 3\frac{8}{9}$$