

Multiplying and Dividing Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{11}{4} \times \frac{1}{3} = \frac{11}{12}$$

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

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

$$6. \quad \frac{4}{5} \div \frac{7}{3} = \frac{4}{5} \times \frac{3}{7} = \frac{12}{35}$$

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

$$8. \quad \frac{1}{5} \times \frac{16}{9} = \frac{16}{45}$$

$$9. \quad \frac{1}{6} \div \frac{11}{7} = \frac{1}{6} \times \frac{7}{11} = \frac{7}{66}$$

$$10. \quad \frac{1}{3} \div \frac{5}{4} = \frac{1}{3} \times \frac{4}{5} = \frac{4}{15}$$

Multiplying and Dividing Proper and Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{1}{2} \times \frac{13}{8} = \underline{\quad}$

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

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

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

5. $\frac{1}{7} \div \frac{11}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

6. $\frac{1}{3} \div \frac{9}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

9. $\frac{1}{8} \div \frac{20}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

Multiplying and Dividing Proper and Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{2}{5} \times \frac{8}{7} = \frac{16}{35}$$

$$3. \frac{8}{5} \times \frac{3}{7} = \frac{24}{35}$$

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

$$5. \frac{1}{7} \div \frac{11}{9} = \frac{1}{7} \times \frac{9}{11} = \frac{9}{77}$$

$$6. \frac{1}{3} \div \frac{9}{5} = \frac{1}{3} \times \frac{5}{9} = \frac{5}{27}$$

$$7. \frac{4}{3} \times \frac{2}{3} = \frac{8}{9}$$

$$8. \frac{1}{2} \div \frac{7}{3} = \frac{1}{2} \times \frac{3}{7} = \frac{3}{14}$$

$$9. \frac{1}{8} \div \frac{20}{9} = \frac{1}{8} \times \frac{9}{20} = \frac{9}{160}$$

$$10. \frac{5}{9} \div \frac{6}{5} = \frac{5}{9} \times \frac{5}{6} = \frac{25}{54}$$

Multiplying and Dividing Proper and Improper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{3} \div \frac{19}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

7. $\frac{1}{2} \div \frac{26}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

Multiplying and Dividing Proper and Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

$$5. \quad \frac{16}{9} \times \frac{2}{5} = \frac{32}{45}$$

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

$$7. \quad \frac{1}{2} \div \frac{26}{9} = \frac{1}{2} \times \frac{9}{26} = \frac{9}{52}$$

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

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

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

Multiplying and Dividing Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $\frac{4}{5} \div \frac{13}{6} = \text{---} \times \text{---} = \text{---}$

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

7. $\frac{1}{2} \div \frac{22}{9} = \text{---} \times \text{---} = \text{---}$

8. $\frac{17}{7} \times \frac{1}{8} = \text{---}$

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

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

Multiplying and Dividing Proper and Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

$$5. \frac{4}{5} \div \frac{13}{6} = \frac{4}{5} \times \frac{6}{13} = \frac{24}{65}$$

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

$$7. \frac{1}{2} \div \frac{22}{9} = \frac{1}{2} \times \frac{9}{22} = \frac{9}{44}$$

$$8. \frac{17}{7} \times \frac{1}{8} = \frac{17}{56}$$

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

$$10. \frac{6}{5} \times \frac{2}{5} = \frac{12}{25}$$

Multiplying and Dividing Proper and Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{3}{5} \div \frac{11}{8} =$ _____ \times _____ $=$ _____

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

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

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

8. $\frac{2}{7} \div \frac{11}{6} =$ _____ \times _____ $=$ _____

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

10. $\frac{1}{3} \times \frac{11}{6} =$ _____

Multiplying and Dividing Proper and Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{3}{5} \div \frac{11}{8} = \frac{3}{5} \times \frac{8}{11} = \frac{24}{55}$$

$$5. \quad \frac{1}{8} \div \frac{7}{3} = \frac{1}{8} \times \frac{3}{7} = \frac{3}{56}$$

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

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

$$8. \quad \frac{2}{7} \div \frac{11}{6} = \frac{2}{7} \times \frac{6}{11} = \frac{12}{77}$$

$$9. \quad \frac{2}{7} \times \frac{8}{5} = \frac{16}{35}$$

$$10. \quad \frac{1}{3} \times \frac{11}{6} = \frac{11}{18}$$

Multiplying and Dividing Proper and Improper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{8}{7} \times \frac{5}{9} = \underline{\quad}$

2. $\frac{1}{4} \div \frac{20}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

10. $\frac{7}{4} \times \frac{1}{9} = \underline{\quad}$

Multiplying and Dividing Proper and Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{8}{7} \times \frac{5}{9} = \frac{40}{63}$$

$$2. \quad \frac{1}{4} \div \frac{20}{9} = \frac{1}{4} \times \frac{9}{20} = \frac{9}{80}$$

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

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

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

$$6. \quad \frac{1}{2} \times \frac{7}{4} = \frac{7}{8}$$

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

$$8. \quad \frac{1}{8} \div \frac{13}{7} = \frac{1}{8} \times \frac{7}{13} = \frac{7}{104}$$

$$9. \quad \frac{6}{7} \div \frac{11}{9} = \frac{6}{7} \times \frac{9}{11} = \frac{54}{77}$$

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

Multiplying and Dividing Proper and Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{9}{7} \times \frac{1}{8} = \text{---}$

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

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

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

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

7. $\frac{1}{4} \div \frac{10}{9} = \text{---} \times \text{---} = \text{---}$

8. $\frac{17}{8} \times \frac{1}{3} = \text{---}$

9. $\frac{5}{7} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---}$

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

Multiplying and Dividing Proper and Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{9}{7} \times \frac{1}{8} = \frac{9}{56}$$

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

$$4. \quad \frac{7}{9} \div \frac{3}{2} = \frac{7}{9} \times \frac{2}{3} = \frac{14}{27}$$

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

$$6. \quad \frac{3}{5} \div \frac{11}{4} = \frac{3}{5} \times \frac{4}{11} = \frac{12}{55}$$

$$7. \quad \frac{1}{4} \div \frac{10}{9} = \frac{1}{4} \times \frac{9}{10} = \frac{9}{40}$$

$$8. \quad \frac{17}{8} \times \frac{1}{3} = \frac{17}{24}$$

$$9. \quad \frac{5}{7} \div \frac{11}{4} = \frac{5}{7} \times \frac{4}{11} = \frac{20}{77}$$

$$10. \quad \frac{1}{3} \times \frac{8}{3} = \frac{8}{9}$$

Multiplying and Dividing Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{2}{9} \times \frac{13}{5} =$ _____

2. $\frac{1}{3} \times \frac{25}{9} =$ _____

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

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

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

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

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

8. $\frac{7}{9} \div \frac{15}{7} =$ _____ \times _____ $=$ _____

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

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

Multiplying and Dividing Proper and Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{9} \times \frac{13}{5} = \frac{26}{45}$$

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

$$3. \frac{7}{4} \times \frac{1}{2} = \frac{7}{8}$$

$$4. \frac{2}{7} \div \frac{11}{4} = \frac{2}{7} \times \frac{4}{11} = \frac{8}{77}$$

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

$$6. \frac{4}{5} \times \frac{6}{5} = \frac{24}{25}$$

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

$$8. \frac{7}{9} \div \frac{15}{7} = \frac{7}{9} \times \frac{7}{15} = \frac{49}{135}$$

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

$$10. \frac{6}{7} \div \frac{17}{9} = \frac{6}{7} \times \frac{9}{17} = \frac{54}{119}$$

Multiplying and Dividing Proper and Improper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{3} \div \frac{11}{8} = \text{---} \times \text{---} = \text{---}$

3. $\frac{1}{4} \div \frac{7}{5} = \text{---} \times \text{---} = \text{---}$

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

5. $\frac{1}{2} \div \frac{14}{5} = \text{---} \times \text{---} = \text{---}$

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

7. $\frac{1}{2} \times \frac{5}{3} = \text{---}$

8. $\frac{2}{3} \times \frac{10}{9} = \text{---}$

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

10. $\frac{12}{5} \times \frac{1}{5} = \text{---}$

Multiplying and Dividing Proper and Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

$$5. \quad \frac{1}{2} \div \frac{14}{5} = \frac{1}{2} \times \frac{5}{14} = \frac{5}{28}$$

$$6. \quad \frac{3}{7} \div \frac{13}{6} = \frac{3}{7} \times \frac{6}{13} = \frac{18}{91}$$

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

$$8. \quad \frac{2}{3} \times \frac{10}{9} = \frac{20}{27}$$

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

$$10. \quad \frac{12}{5} \times \frac{1}{5} = \frac{12}{25}$$

Multiplying and Dividing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{3} \div \frac{12}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

5. $\frac{1}{5} \div \frac{17}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

8. $\frac{11}{9} \times \frac{1}{2} = \underline{\quad}$

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

10. $\frac{1}{2} \div \frac{13}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Proper and Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{1}{3} \div \frac{12}{5} = \frac{1}{3} \times \frac{5}{12} = \frac{5}{36}$$

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

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

$$5. \quad \frac{1}{5} \div \frac{17}{9} = \frac{1}{5} \times \frac{9}{17} = \frac{9}{85}$$

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

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

$$8. \quad \frac{11}{9} \times \frac{1}{2} = \frac{11}{18}$$

$$9. \quad \frac{2}{5} \times \frac{7}{5} = \frac{14}{25}$$

$$10. \quad \frac{1}{2} \div \frac{13}{5} = \frac{1}{2} \times \frac{5}{13} = \frac{5}{26}$$