

## Operations with Two Proper Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

3.  $\frac{1}{2} + \frac{1}{4} =$

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

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

6.  $\frac{3}{4} - \frac{1}{8} =$

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

8.  $\frac{4}{9} + \frac{1}{2} =$

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

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

## Operations with Two Proper Fractions (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

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

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

$$6. \quad \frac{3}{4} - \frac{1}{8} = \frac{6}{8} - \frac{1}{8} = \frac{5}{8}$$

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

$$8. \quad \frac{4}{9} + \frac{1}{2} = \frac{8}{18} + \frac{9}{18} = \frac{17}{18}$$

$$9. \quad \frac{2}{3} - \frac{1}{2} = \frac{4}{6} - \frac{3}{6} = \frac{1}{6}$$

$$10. \quad \frac{5}{8} \times \frac{5}{7} = \frac{25}{56}$$

## Operations with Two Proper Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

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

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

6.  $\frac{1}{2} + \frac{1}{4} =$

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

8.  $\frac{7}{9} - \frac{1}{3} =$

9.  $\frac{2}{7} + \frac{4}{7} =$

10.  $\frac{5}{9} - \frac{1}{3} =$

## Operations with Two Proper Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

$$3. \frac{2}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20} = \frac{13}{20}$$

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

$$5. \frac{3}{7} \div \frac{2}{3} = \frac{3}{7} \times \frac{3}{2} = \frac{9}{14}$$

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

$$7. \frac{1}{3} \times \frac{5}{9} = \frac{5}{27}$$

$$8. \frac{7}{9} - \frac{1}{3} = \frac{7}{9} - \frac{3}{9} = \frac{4}{9}$$

$$9. \frac{2}{7} + \frac{4}{7} = \frac{2}{7} + \frac{4}{7} = \frac{6}{7}$$

$$10. \frac{5}{9} - \frac{1}{3} = \frac{5}{9} - \frac{3}{9} = \frac{2}{9}$$

## Operations with Two Proper Fractions (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

3.  $\frac{5}{6} \times \frac{5}{11} =$

4.  $\frac{1}{5} - \frac{2}{15} =$

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

6.  $\frac{1}{2} + \frac{5}{16} =$

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

8.  $\frac{3}{4} - \frac{3}{8} =$

9.  $\frac{1}{2} \div \frac{18}{19} =$

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

## Operations with Two Proper Fractions (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{7}{9} - \frac{1}{2} = \frac{14}{18} - \frac{9}{18} = \frac{5}{18}$$

$$2. \quad \frac{2}{7} \times \frac{1}{7} = \frac{2}{49}$$

$$3. \quad \frac{5}{6} \times \frac{5}{11} = \frac{25}{66}$$

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

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

$$6. \quad \frac{1}{2} + \frac{5}{16} = \frac{8}{16} + \frac{5}{16} = \frac{13}{16}$$

$$7. \quad \frac{5}{7} \times \frac{1}{7} = \frac{5}{49}$$

$$8. \quad \frac{3}{4} - \frac{3}{8} = \frac{6}{8} - \frac{3}{8} = \frac{3}{8}$$

$$9. \quad \frac{1}{2} \div \frac{18}{19} = \frac{1}{2} \times \frac{19}{18} = \frac{19}{36}$$

$$10. \quad \frac{1}{2} \div \frac{6}{11} = \frac{1}{2} \times \frac{11}{6} = \frac{11}{12}$$

## Operations with Two Proper Fractions (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{13}{15} \times \frac{1}{2} =$

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

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

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

5.  $\frac{8}{9} - \frac{1}{3} =$

6.  $\frac{1}{2} + \frac{1}{4} =$

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

8.  $\frac{1}{5} + \frac{1}{10} =$

9.  $\frac{5}{7} \div \frac{8}{9} =$

10.  $\frac{3}{4} - \frac{7}{16} =$

## Operations with Two Proper Fractions (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \frac{13}{15} \times \frac{1}{2} = \frac{13}{30}$$

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

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

$$4. \frac{5}{7} \div \frac{3}{4} = \frac{5}{7} \times \frac{4}{3} = \frac{20}{21}$$

$$5. \frac{8}{9} - \frac{1}{3} = \frac{8}{9} - \frac{3}{9} = \frac{5}{9}$$

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

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

$$8. \frac{1}{5} + \frac{1}{10} = \frac{2}{10} + \frac{1}{10} = \frac{3}{10}$$

$$9. \frac{5}{7} \div \frac{8}{9} = \frac{5}{7} \times \frac{9}{8} = \frac{45}{56}$$

$$10. \frac{3}{4} - \frac{7}{16} = \frac{12}{16} - \frac{7}{16} = \frac{5}{16}$$



## Operations with Two Proper Fractions (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

3.  $\frac{1}{2} \times \frac{3}{19} =$

4.  $\frac{1}{3} + \frac{1}{2} =$

5.  $\frac{6}{11} \div \frac{7}{8} =$

6.  $\frac{3}{5} - \frac{3}{10} =$

7.  $\frac{1}{4} + \frac{1}{2} =$

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

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

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

## Operations with Two Proper Fractions (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

$$2. \quad \frac{1}{3} + \frac{1}{3} = \frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

$$3. \quad \frac{1}{2} \times \frac{3}{19} = \frac{3}{38}$$

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

$$5. \quad \frac{6}{11} \div \frac{7}{8} = \frac{6}{11} \times \frac{8}{7} = \frac{48}{77}$$

$$6. \quad \frac{3}{5} - \frac{3}{10} = \frac{6}{10} - \frac{3}{10} = \frac{3}{10}$$

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

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

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

$$10. \quad \frac{2}{3} - \frac{2}{5} = \frac{10}{15} - \frac{6}{15} = \frac{4}{15}$$

## Operations with Two Proper Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

4.  $\frac{4}{7} + \frac{1}{14} =$

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

6.  $\frac{3}{4} + \frac{1}{8} =$

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

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

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

10.  $\frac{1}{2} - \frac{1}{4} =$

## Operations with Two Proper Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

$$2. \quad \frac{5}{11} \div \frac{4}{5} = \frac{5}{11} \times \frac{5}{4} = \frac{25}{44}$$

$$3. \quad \frac{1}{8} \div \frac{8}{15} = \frac{1}{8} \times \frac{15}{8} = \frac{15}{64}$$

$$4. \quad \frac{4}{7} + \frac{1}{14} = \frac{8}{14} + \frac{1}{14} = \frac{9}{14}$$

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

$$6. \quad \frac{3}{4} + \frac{1}{8} = \frac{6}{8} + \frac{1}{8} = \frac{7}{8}$$

$$7. \quad \frac{3}{7} + \frac{3}{7} = \frac{3}{7} + \frac{3}{7} = \frac{6}{7}$$

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

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

$$10. \quad \frac{1}{2} - \frac{1}{4} = \frac{2}{4} - \frac{1}{4} = \frac{1}{4}$$

## Operations with Two Proper Fractions (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

4.  $\frac{15}{16} - \frac{1}{2} =$

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

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

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

8.  $\frac{1}{9} \div \frac{3}{7} =$

9.  $\frac{7}{19} \div \frac{1}{2} =$

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

## Operations with Two Proper Fractions (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

$$4. \quad \frac{15}{16} - \frac{1}{2} = \frac{15}{16} - \frac{8}{16} = \frac{7}{16}$$

$$5. \quad \frac{4}{9} - \frac{1}{3} = \frac{4}{9} - \frac{3}{9} = \frac{1}{9}$$

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

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

$$8. \quad \frac{1}{9} \div \frac{3}{7} = \frac{1}{9} \times \frac{7}{3} = \frac{7}{27}$$

$$9. \quad \frac{7}{19} \div \frac{1}{2} = \frac{7}{19} \times \frac{2}{1} = \frac{14}{19}$$

$$10. \quad \frac{3}{5} + \frac{1}{3} = \frac{9}{15} + \frac{5}{15} = \frac{14}{15}$$

## Operations with Two Proper Fractions (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

2.  $\frac{1}{5} \times \frac{9}{17} =$

3.  $\frac{5}{7} + \frac{1}{14} =$

4.  $\frac{1}{7} + \frac{3}{14} =$

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

6.  $\frac{1}{6} + \frac{5}{12} =$

7.  $\frac{8}{9} - \frac{1}{3} =$

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

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

10.  $\frac{1}{7} \div \frac{2}{3} =$

## Operations with Two Proper Fractions (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

$$2. \quad \frac{1}{5} \times \frac{9}{17} = \frac{9}{85}$$

$$3. \quad \frac{5}{7} + \frac{1}{14} = \frac{10}{14} + \frac{1}{14} = \frac{11}{14}$$

$$4. \quad \frac{1}{7} + \frac{3}{14} = \frac{2}{14} + \frac{3}{14} = \frac{5}{14}$$

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

$$6. \quad \frac{1}{6} + \frac{5}{12} = \frac{2}{12} + \frac{5}{12} = \frac{7}{12}$$

$$7. \quad \frac{8}{9} - \frac{1}{3} = \frac{8}{9} - \frac{3}{9} = \frac{5}{9}$$

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

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

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



## Operations with Two Proper Fractions (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

2.  $\frac{1}{9} \div \frac{5}{8} =$

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

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

5.  $\frac{1}{5} \times \frac{3}{13} =$

6.  $\frac{11}{18} \times \frac{1}{2} =$

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

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

9.  $\frac{1}{16} \div \frac{1}{5} =$

10.  $\frac{5}{7} + \frac{1}{7} =$

## Operations with Two Proper Fractions (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

$$2. \quad \frac{1}{9} \div \frac{5}{8} = \frac{1}{9} \times \frac{8}{5} = \frac{8}{45}$$

$$3. \quad \frac{2}{3} - \frac{5}{9} = \frac{6}{9} - \frac{5}{9} = \frac{1}{9}$$

$$4. \quad \frac{3}{5} - \frac{1}{4} = \frac{12}{20} - \frac{5}{20} = \frac{7}{20}$$

$$5. \quad \frac{1}{5} \times \frac{3}{13} = \frac{3}{65}$$

$$6. \quad \frac{11}{18} \times \frac{1}{2} = \frac{11}{36}$$

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

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

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

$$10. \quad \frac{5}{7} + \frac{1}{7} = \frac{5}{7} + \frac{1}{7} = \frac{6}{7}$$

## Operations with Two Proper Fractions (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

2.  $\frac{1}{12} \div \frac{2}{5} =$

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

4.  $\frac{1}{2} \div \frac{8}{13} =$

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

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

7.  $\frac{5}{9} - \frac{5}{18} =$

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

9.  $\frac{1}{3} + \frac{11}{18} =$

10.  $\frac{4}{5} \times \frac{16}{17} =$

## Operations with Two Proper Fractions (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{3}{4} + \frac{1}{5} = \frac{15}{20} + \frac{4}{20} = \frac{19}{20}$$

$$2. \quad \frac{1}{12} \div \frac{2}{5} = \frac{1}{12} \times \frac{5}{2} = \frac{5}{24}$$

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

$$4. \quad \frac{1}{2} \div \frac{8}{13} = \frac{1}{2} \times \frac{13}{8} = \frac{13}{16}$$

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

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

$$7. \quad \frac{5}{9} - \frac{5}{18} = \frac{10}{18} - \frac{5}{18} = \frac{5}{18}$$

$$8. \quad \frac{1}{2} - \frac{3}{7} = \frac{7}{14} - \frac{6}{14} = \frac{1}{14}$$

$$9. \quad \frac{1}{3} + \frac{11}{18} = \frac{6}{18} + \frac{11}{18} = \frac{17}{18}$$

$$10. \quad \frac{4}{5} \times \frac{16}{17} = \frac{64}{85}$$