

Operations with Two Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{9} + \frac{53}{18} =$

2. $\frac{11}{4} \times \frac{14}{5} =$

3. $\frac{14}{3} - \frac{5}{3} =$

4. $\frac{1}{2} + \frac{29}{6} =$

5. $\frac{11}{4} \div \frac{29}{14} =$

6. $\frac{10}{9} \div \frac{14}{3} =$

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

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

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

10. $\frac{43}{14} - \frac{18}{7} =$

Operations with Two Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{9} + \frac{53}{18} = \frac{10}{18} + \frac{53}{18} = \frac{63}{18} = \frac{7}{2} = 3\frac{1}{2}$$

$$2. \quad \frac{11}{4} \times \frac{14}{5} = \frac{154}{20} = \frac{77}{10} = 7\frac{7}{10}$$

$$3. \quad \frac{14}{3} - \frac{5}{3} = \frac{14}{3} - \frac{5}{3} = \frac{9}{3} = \frac{3}{1} = 3$$

$$4. \quad \frac{1}{2} + \frac{29}{6} = \frac{3}{6} + \frac{29}{6} = \frac{32}{6} = \frac{16}{3} = 5\frac{1}{3}$$

$$5. \quad \frac{11}{4} \div \frac{29}{14} = \frac{11}{4} \times \frac{14}{29} = \frac{154}{116} = \frac{77}{58} = 1\frac{19}{58}$$

$$6. \quad \frac{10}{9} \div \frac{14}{3} = \frac{10}{9} \times \frac{3}{14} = \frac{30}{126} = \frac{5}{21}$$

$$7. \quad \frac{9}{2} - \frac{1}{2} = \frac{9}{2} - \frac{1}{2} = \frac{8}{2} = \frac{4}{1} = 4$$

$$8. \quad \frac{3}{2} \div \frac{11}{6} = \frac{3}{2} \times \frac{6}{11} = \frac{18}{22} = \frac{9}{11}$$

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

$$10. \quad \frac{43}{14} - \frac{18}{7} = \frac{43}{14} - \frac{36}{14} = \frac{7}{14} = \frac{1}{2}$$

Operations with Two Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{3} + \frac{44}{15} =$

2. $\frac{47}{18} - \frac{3}{2} =$

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

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

5. $\frac{5}{2} + \frac{45}{14} =$

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

7. $\frac{19}{5} - \frac{9}{5} =$

8. $\frac{5}{4} + \frac{19}{4} =$

9. $\frac{3}{8} \times \frac{30}{17} =$

10. $\frac{28}{9} \div \frac{12}{5} =$

Operations with Two Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{3} + \frac{44}{15} = \frac{25}{15} + \frac{44}{15} = \frac{69}{15} = \frac{23}{5} = 4\frac{3}{5}$$

$$2. \quad \frac{47}{18} - \frac{3}{2} = \frac{47}{18} - \frac{27}{18} = \frac{20}{18} = \frac{10}{9} = 1\frac{1}{9}$$

$$3. \quad \frac{14}{9} \div \frac{7}{3} = \frac{14}{9} \times \frac{3}{7} = \frac{42}{63} = \frac{2}{3}$$

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

$$5. \quad \frac{5}{2} + \frac{45}{14} = \frac{35}{14} + \frac{45}{14} = \frac{80}{14} = \frac{40}{7} = 5\frac{5}{7}$$

$$6. \quad \frac{9}{2} - \frac{1}{2} = \frac{9}{2} - \frac{1}{2} = \frac{8}{2} = \frac{4}{1} = 4$$

$$7. \quad \frac{19}{5} - \frac{9}{5} = \frac{19}{5} - \frac{9}{5} = \frac{10}{5} = \frac{2}{1} = 2$$

$$8. \quad \frac{5}{4} + \frac{19}{4} = \frac{5}{4} + \frac{19}{4} = \frac{24}{4} = \frac{6}{1} = 6$$

$$9. \quad \frac{3}{8} \times \frac{30}{17} = \frac{90}{136} = \frac{45}{68}$$

$$10. \quad \frac{28}{9} \div \frac{12}{5} = \frac{28}{9} \times \frac{5}{12} = \frac{140}{108} = \frac{35}{27} = 1\frac{8}{27}$$

Operations with Two Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{13}{5} \div \frac{23}{15} =$

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

3. $\frac{7}{5} \div \frac{91}{19} =$

4. $\frac{7}{3} + \frac{11}{3} =$

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

6. $\frac{87}{20} - \frac{1}{4} =$

7. $\frac{43}{12} - \frac{17}{6} =$

8. $\frac{13}{5} + \frac{19}{10} =$

9. $\frac{3}{4} + \frac{83}{20} =$

10. $\frac{85}{18} - \frac{3}{2} =$

Operations with Two Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{13}{5} \div \frac{23}{15} = \frac{13}{5} \times \frac{15}{23} = \frac{195}{115} = \frac{39}{23} = 1\frac{16}{23}$$

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

$$3. \quad \frac{7}{5} \div \frac{91}{19} = \frac{7}{5} \times \frac{19}{91} = \frac{133}{455} = \frac{19}{65}$$

$$4. \quad \frac{7}{3} + \frac{11}{3} = \frac{7}{3} + \frac{11}{3} = \frac{18}{3} = \frac{6}{1} = 6$$

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

$$6. \quad \frac{87}{20} - \frac{1}{4} = \frac{87}{20} - \frac{5}{20} = \frac{82}{20} = \frac{41}{10} = 4\frac{1}{10}$$

$$7. \quad \frac{43}{12} - \frac{17}{6} = \frac{43}{12} - \frac{34}{12} = \frac{9}{12} = \frac{3}{4}$$

$$8. \quad \frac{13}{5} + \frac{19}{10} = \frac{26}{10} + \frac{19}{10} = \frac{45}{10} = \frac{9}{2} = 4\frac{1}{2}$$

$$9. \quad \frac{3}{4} + \frac{83}{20} = \frac{15}{20} + \frac{83}{20} = \frac{98}{20} = \frac{49}{10} = 4\frac{9}{10}$$

$$10. \quad \frac{85}{18} - \frac{3}{2} = \frac{85}{18} - \frac{27}{18} = \frac{58}{18} = \frac{29}{9} = 3\frac{2}{9}$$

Operations with Two Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{17}{6} + \frac{5}{3} =$

2. $\frac{7}{4} - \frac{19}{12} =$

3. $\frac{39}{14} - \frac{5}{2} =$

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

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

6. $\frac{3}{2} + \frac{45}{14} =$

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

8. $\frac{18}{7} \div \frac{34}{13} =$

9. $\frac{3}{2} \times \frac{28}{9} =$

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

Operations with Two Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{17}{6} + \frac{5}{3} = \frac{17}{6} + \frac{10}{6} = \frac{27}{6} = \frac{9}{2} = 4\frac{1}{2}$$

$$2. \quad \frac{7}{4} - \frac{19}{12} = \frac{21}{12} - \frac{19}{12} = \frac{2}{12} = \frac{1}{6}$$

$$3. \quad \frac{39}{14} - \frac{5}{2} = \frac{39}{14} - \frac{35}{14} = \frac{4}{14} = \frac{2}{7}$$

$$4. \quad \frac{11}{3} - \frac{8}{3} = \frac{11}{3} - \frac{8}{3} = \frac{3}{3} = 1$$

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

$$6. \quad \frac{3}{2} + \frac{45}{14} = \frac{21}{14} + \frac{45}{14} = \frac{66}{14} = \frac{33}{7} = 4\frac{5}{7}$$

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

$$8. \quad \frac{18}{7} \div \frac{34}{13} = \frac{18}{7} \times \frac{13}{34} = \frac{234}{238} = \frac{117}{119}$$

$$9. \quad \frac{3}{2} \times \frac{28}{9} = \frac{84}{18} = \frac{14}{3} = 4\frac{2}{3}$$

$$10. \quad \frac{16}{7} \div \frac{8}{5} = \frac{16}{7} \times \frac{5}{8} = \frac{80}{56} = \frac{10}{7} = 1\frac{3}{7}$$

Operations with Two Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{2} + \frac{19}{10} =$

2. $\frac{20}{13} \times \frac{11}{4} =$

3. $\frac{1}{8} + \frac{21}{8} =$

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

5. $\frac{2}{7} \div \frac{53}{14} =$

6. $\frac{55}{14} - \frac{5}{2} =$

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

8. $\frac{5}{2} + \frac{23}{6} =$

9. $\frac{10}{3} - \frac{7}{3} =$

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

Operations with Two Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{5}{2} + \frac{19}{10} = \frac{25}{10} + \frac{19}{10} = \frac{44}{10} = \frac{22}{5} = 4\frac{2}{5}$$

$$2. \quad \frac{20}{13} \times \frac{11}{4} = \frac{220}{52} = \frac{55}{13} = 4\frac{3}{13}$$

$$3. \quad \frac{1}{8} + \frac{21}{8} = \frac{1}{8} + \frac{21}{8} = \frac{22}{8} = \frac{11}{4} = 2\frac{3}{4}$$

$$4. \quad \frac{11}{5} \times \frac{5}{7} = \frac{55}{35} = \frac{11}{7} = 1\frac{4}{7}$$

$$5. \quad \frac{2}{7} \div \frac{53}{14} = \frac{2}{7} \times \frac{14}{53} = \frac{28}{371} = \frac{4}{53}$$

$$6. \quad \frac{55}{14} - \frac{5}{2} = \frac{55}{14} - \frac{35}{14} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$8. \quad \frac{5}{2} + \frac{23}{6} = \frac{15}{6} + \frac{23}{6} = \frac{38}{6} = \frac{19}{3} = 6\frac{1}{3}$$

$$9. \quad \frac{10}{3} - \frac{7}{3} = \frac{10}{3} - \frac{7}{3} = \frac{3}{3} = 1$$

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

Operations with Two Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{21}{5} \div \frac{7}{4} =$

2. $\frac{4}{5} + \frac{59}{20} =$

3. $\frac{63}{20} \div \frac{19}{8} =$

4. $\frac{8}{5} \div \frac{38}{9} =$

5. $\frac{5}{2} - \frac{11}{6} =$

6. $\frac{3}{2} + \frac{9}{2} =$

7. $\frac{7}{2} - \frac{13}{6} =$

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

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

10. $\frac{47}{12} \times \frac{8}{5} =$

Operations with Two Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{21}{5} \div \frac{7}{4} = \frac{21}{5} \times \frac{4}{7} = \frac{84}{35} = \frac{12}{5} = 2\frac{2}{5}$$

$$2. \quad \frac{4}{5} + \frac{59}{20} = \frac{16}{20} + \frac{59}{20} = \frac{75}{20} = \frac{15}{4} = 3\frac{3}{4}$$

$$3. \quad \frac{63}{20} \div \frac{19}{8} = \frac{63}{20} \times \frac{8}{19} = \frac{504}{380} = \frac{126}{95} = 1\frac{31}{95}$$

$$4. \quad \frac{8}{5} \div \frac{38}{9} = \frac{8}{5} \times \frac{9}{38} = \frac{72}{190} = \frac{36}{95}$$

$$5. \quad \frac{5}{2} - \frac{11}{6} = \frac{15}{6} - \frac{11}{6} = \frac{4}{6} = \frac{2}{3}$$

$$6. \quad \frac{3}{2} + \frac{9}{2} = \frac{3}{2} + \frac{9}{2} = \frac{12}{2} = \frac{6}{1} = 6$$

$$7. \quad \frac{7}{2} - \frac{13}{6} = \frac{21}{6} - \frac{13}{6} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$8. \quad \frac{5}{3} \times \frac{9}{4} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

$$9. \quad \frac{1}{2} + \frac{7}{2} = \frac{1}{2} + \frac{7}{2} = \frac{8}{2} = \frac{4}{1} = 4$$

$$10. \quad \frac{47}{12} \times \frac{8}{5} = \frac{376}{60} = \frac{94}{15} = 6\frac{4}{15}$$

Operations with Two Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{7}{2} \div \frac{17}{6} =$

2. $\frac{5}{3} + \frac{29}{6} =$

3. $\frac{3}{2} + \frac{29}{6} =$

4. $\frac{7}{4} + \frac{11}{4} =$

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

6. $\frac{31}{10} - \frac{1}{2} =$

7. $\frac{25}{6} - \frac{5}{2} =$

8. $\frac{20}{13} \times \frac{17}{8} =$

9. $\frac{10}{3} \div \frac{8}{7} =$

10. $\frac{67}{16} \div \frac{7}{4} =$

Operations with Two Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{2} \div \frac{17}{6} = \frac{7}{2} \times \frac{6}{17} = \frac{42}{34} = \frac{21}{17} = 1\frac{4}{17}$$

$$2. \quad \frac{5}{3} + \frac{29}{6} = \frac{10}{6} + \frac{29}{6} = \frac{39}{6} = \frac{13}{2} = 6\frac{1}{2}$$

$$3. \quad \frac{3}{2} + \frac{29}{6} = \frac{9}{6} + \frac{29}{6} = \frac{38}{6} = \frac{19}{3} = 6\frac{1}{3}$$

$$4. \quad \frac{7}{4} + \frac{11}{4} = \frac{7}{4} + \frac{11}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$5. \quad \frac{7}{2} - \frac{5}{6} = \frac{21}{6} - \frac{5}{6} = \frac{16}{6} = \frac{8}{3} = 2\frac{2}{3}$$

$$6. \quad \frac{31}{10} - \frac{1}{2} = \frac{31}{10} - \frac{5}{10} = \frac{26}{10} = \frac{13}{5} = 2\frac{3}{5}$$

$$7. \quad \frac{25}{6} - \frac{5}{2} = \frac{25}{6} - \frac{15}{6} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. \quad \frac{20}{13} \times \frac{17}{8} = \frac{340}{104} = \frac{85}{26} = 3\frac{7}{26}$$

$$9. \quad \frac{10}{3} \div \frac{8}{7} = \frac{10}{3} \times \frac{7}{8} = \frac{70}{24} = \frac{35}{12} = 2\frac{11}{12}$$

$$10. \quad \frac{67}{16} \div \frac{7}{4} = \frac{67}{16} \times \frac{4}{7} = \frac{268}{112} = \frac{67}{28} = 2\frac{11}{28}$$

Operations with Two Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{54}{19} \div \frac{8}{3} =$

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

3. $\frac{5}{6} + \frac{29}{18} =$

4. $\frac{17}{6} + \frac{9}{2} =$

5. $\frac{4}{3} + \frac{11}{3} =$

6. $\frac{3}{2} \times \frac{34}{11} =$

7. $\frac{47}{10} \times \frac{5}{9} =$

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

9. $\frac{3}{2} \times \frac{53}{12} =$

10. $\frac{41}{14} - \frac{5}{2} =$

Operations with Two Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{54}{19} \div \frac{8}{3} = \frac{54}{19} \times \frac{3}{8} = \frac{162}{152} = \frac{81}{76} = 1\frac{5}{76}$$

$$2. \frac{7}{3} - \frac{5}{6} = \frac{14}{6} - \frac{5}{6} = \frac{9}{6} = \frac{3}{2} = 1\frac{1}{2}$$

$$3. \frac{5}{6} + \frac{29}{18} = \frac{15}{18} + \frac{29}{18} = \frac{44}{18} = \frac{22}{9} = 2\frac{4}{9}$$

$$4. \frac{17}{6} + \frac{9}{2} = \frac{17}{6} + \frac{27}{6} = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

$$5. \frac{4}{3} + \frac{11}{3} = \frac{4}{3} + \frac{11}{3} = \frac{15}{3} = \frac{5}{1} = 5$$

$$6. \frac{3}{2} \times \frac{34}{11} = \frac{102}{22} = \frac{51}{11} = 4\frac{7}{11}$$

$$7. \frac{47}{10} \times \frac{5}{9} = \frac{235}{90} = \frac{47}{18} = 2\frac{11}{18}$$

$$8. \frac{11}{9} \div \frac{2}{3} = \frac{11}{9} \times \frac{3}{2} = \frac{33}{18} = \frac{11}{6} = 1\frac{5}{6}$$

$$9. \frac{3}{2} \times \frac{53}{12} = \frac{159}{24} = \frac{53}{8} = 6\frac{5}{8}$$

$$10. \frac{41}{14} - \frac{5}{2} = \frac{41}{14} - \frac{35}{14} = \frac{6}{14} = \frac{3}{7}$$

Operations with Two Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{24}{7} \div \frac{8}{3} =$

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

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

5. $\frac{15}{4} \times \frac{13}{9} =$

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

7. $\frac{3}{4} + \frac{35}{12} =$

8. $\frac{53}{20} - \frac{7}{5} =$

9. $\frac{13}{4} \times \frac{4}{3} =$

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

Operations with Two Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{17}{6} \div \frac{3}{2} = \frac{17}{6} \times \frac{2}{3} = \frac{34}{18} = \frac{17}{9} = 1\frac{8}{9}$$

$$2. \quad \frac{24}{7} \div \frac{8}{3} = \frac{24}{7} \times \frac{3}{8} = \frac{72}{56} = \frac{9}{7} = 1\frac{2}{7}$$

$$3. \quad \frac{3}{4} \div \frac{17}{4} = \frac{3}{4} \times \frac{4}{17} = \frac{12}{68} = \frac{3}{17}$$

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

$$5. \quad \frac{15}{4} \times \frac{13}{9} = \frac{195}{36} = \frac{65}{12} = 5\frac{5}{12}$$

$$6. \quad \frac{4}{3} + \frac{5}{3} = \frac{4}{3} + \frac{5}{3} = \frac{9}{3} = \frac{3}{1} = 3$$

$$7. \quad \frac{3}{4} + \frac{35}{12} = \frac{9}{12} + \frac{35}{12} = \frac{44}{12} = \frac{11}{3} = 3\frac{2}{3}$$

$$8. \quad \frac{53}{20} - \frac{7}{5} = \frac{53}{20} - \frac{28}{20} = \frac{25}{20} = \frac{5}{4} = 1\frac{1}{4}$$

$$9. \quad \frac{13}{4} \times \frac{4}{3} = \frac{52}{12} = \frac{13}{3} = 4\frac{1}{3}$$

$$10. \quad \frac{16}{9} \times \frac{3}{2} = \frac{48}{18} = \frac{8}{3} = 2\frac{2}{3}$$

Operations with Two Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{7}{3} \times \frac{15}{11} =$

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

5. $\frac{3}{2} + \frac{33}{14} =$

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

7. $\frac{7}{4} - \frac{5}{4} =$

8. $\frac{41}{20} - \frac{5}{4} =$

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

10. $\frac{5}{4} + \frac{15}{4} =$

Operations with Two Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{5}{2} \div \frac{3}{4} = \frac{5}{2} \times \frac{4}{3} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

$$3. \quad \frac{7}{3} \times \frac{15}{11} = \frac{105}{33} = \frac{35}{11} = 3\frac{2}{11}$$

$$4. \quad \frac{8}{3} \times \frac{5}{2} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$$

$$5. \quad \frac{3}{2} + \frac{33}{14} = \frac{21}{14} + \frac{33}{14} = \frac{54}{14} = \frac{27}{7} = 3\frac{6}{7}$$

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

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

$$8. \quad \frac{41}{20} - \frac{5}{4} = \frac{41}{20} - \frac{25}{20} = \frac{16}{20} = \frac{4}{5}$$

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

$$10. \quad \frac{5}{4} + \frac{15}{4} = \frac{5}{4} + \frac{15}{4} = \frac{20}{4} = \frac{5}{1} = 5$$