

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

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

**Learning Goal 2.1**

I can add and subtract fractions.

Find the value of the following expressions. Simplify your answer to lowest terms.

a.  $\frac{5}{6} + \frac{17}{2} = \frac{28}{3} = 9\frac{1}{3}$

b.  $\frac{11}{6} + \frac{15}{6} = \frac{11}{3} = 3\frac{2}{3}$

c.  $\frac{14}{15} + \frac{13}{5} = \frac{53}{15} = 3\frac{8}{15}$

d.  $\frac{3}{4} + \frac{1}{16} = \frac{13}{16}$

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

f.  $\frac{3}{14} + \frac{1}{3} = \frac{23}{42}$

g.  $\frac{6}{19} + \frac{2}{3} = \frac{56}{57}$

h.  $\frac{1}{3} + \frac{2}{17} = \frac{23}{51}$

i.  $\frac{3}{4} - \frac{4}{13} = \frac{23}{52}$

j.  $\frac{1}{4} - \frac{2}{5} = -\frac{3}{20}$

k.  $\frac{9}{10} - \frac{4}{9} = \frac{41}{90}$

l.  $\frac{7}{16} - \frac{17}{20} = -\frac{33}{80}$

m.  $\frac{2}{15} - \frac{5}{18} = -\frac{13}{90}$

n.  $26\frac{1}{3} - 5\frac{19}{21} = \frac{143}{7} = 20\frac{3}{7}$

o.  $7\frac{1}{2} - 4\frac{1}{4} = \frac{13}{4} = 3\frac{1}{4}$

p.  $3\frac{6}{29} - 5\frac{1}{3} = -\frac{185}{87} = -2\frac{11}{87}$

q.  $6\frac{1}{2} - 8\frac{1}{7} = -\frac{23}{14} = -1\frac{9}{14}$

r.  $4\frac{25}{27} - 4\frac{2}{3} = \frac{7}{27}$

s.  $12\frac{1}{2} + 4\frac{1}{3} + 10\frac{13}{15} = \frac{277}{10} = 27\frac{7}{10}$