Algebra 0507 Name_____

Basics of Fraction Addition and Subtraction

Date_____ Period____

Find each sum. Give your answer as a proper fraction or a mixed number, never as an improper fraction.

1) $\frac{11}{12} + \frac{1}{12}$

2) $\frac{13}{11} + \frac{9}{11}$

3) $\frac{5}{9} + \frac{8}{9}$

4) $\frac{8}{5} + \frac{7}{5}$

5) $\frac{5}{6} + \frac{1}{6}$

6) $\frac{17}{12} + \frac{19}{12}$

7) $\frac{5}{8} + \frac{13}{8}$

8) $\frac{1}{6} + \frac{11}{6}$

Find each sum. Give your answer as a proper fraction or a mixed number, never as an improper fraction.

9) $3\frac{1}{3} + 1\frac{1}{3}$

10) $2\frac{5}{6} + 4\frac{5}{6}$

11) $\frac{1}{2} + 4\frac{1}{2}$

12) $\frac{1}{2} + \frac{3}{2}$

13) $1\frac{1}{6} + \frac{7}{6}$

14) $\frac{8}{7} + 4\frac{1}{7}$

Find each difference. Give your answer as a proper fraction or a mixed number, never as an improper fraction.

15) $\left(-\frac{5}{4}\right) - \frac{1}{4}$

16) $\left(-\frac{4}{7}\right) - \left(-\frac{6}{7}\right)$

17) $\frac{6}{5} - \frac{3}{5}$

18) $\frac{4}{3} - \left(-\frac{2}{3}\right)$

19) $\left(-\frac{6}{7}\right) - \frac{10}{7}$

20) $\left(-\frac{5}{8}\right) - \left(-\frac{5}{8}\right)$

21) $\left(-\frac{5}{4}\right) - \left(-\frac{5}{4}\right)$

22) $\left(-\frac{13}{8}\right) - \left(-\frac{11}{8}\right)$

23) $2\frac{4}{7} - 3\frac{3}{7}$

24) $2\frac{2}{3} - 3\frac{1}{3}$

25) $\frac{1}{4} - \left(-2\frac{3}{4}\right)$

26) $(-2) - 3\frac{5}{6}$

27) $\left(-1\frac{6}{7}\right) - 3\frac{6}{7}$

28) $\left(-3\frac{2}{3}\right) - 4\frac{2}{3}$

Evaluate each expression. Give your answer as a proper fraction or a mixed number, never as an improper fraction.

29) $\frac{5}{3} + \frac{1}{2}$

30) $\frac{7}{4} + \frac{3}{4}$

31) $\frac{5}{3} + \frac{5}{3}$

32) $\frac{11}{6} + \frac{5}{3}$

33) $\frac{1}{2} + \frac{13}{7}$

34) $1 + \frac{3}{4}$

35) $\frac{11}{8} - \frac{4}{3}$

36) $\frac{3}{2} - \frac{5}{7}$

37) $\frac{2}{3} + \frac{5}{8}$

38) $2 - \frac{1}{2}$

39) $\frac{8}{7} + \frac{5}{4}$

40) $\frac{11}{7} - \frac{2}{5}$

41) $\frac{11}{7} + \frac{7}{6}$

42) $\frac{1}{2} + \frac{1}{3}$

43) $1 + \frac{5}{8}$

44) $\frac{1}{5} + \frac{5}{3}$