NUMBER PATTERNS

Find out what number is added or subtracted to get the next number. Repeat the process to fill in the missing numbers. Write the pattern used on the blank lines to the right. (Hint: The patterns can be whole numbers OR fractions.)

Example:

5   10   15   20   [25]   [30]   [35]   [40]   [45]   +5 _____

1.   [ ]   4   7   10   [ ]   [ ]   [ ]   22   _____

2.   3   [ ]   11   15   [ ]   23   [ ]   [ ]   _____

3.   5   [ ]   11   [ ]   17   [ ]   23   [ ]   _____

4.   [ ]   8   [ ]   4   [ ]   0   -4   _____

5.   56   [ ]   32   [ ]   8   [ ]   -16   [ ]   _____

6.   45   [ ]   37   [ ]   29   25   [21]   [ ]   _____

7. $\frac{5}{2}$ 4 $\frac{11}{2}$ 7   [ ]   [ ]   [ ]   [ ]   _____

8.   [ ]   9   [ ]   8 $\frac{15}{2}$ [ ]   [ ]   6   _____

9.   11   [ ]   37   [ ]   [ ]   76   89   [ ]   _____

10.   15   [ ]   [ ]   33   [ ]   45   [ ]   57   _____

11. $\frac{7}{2}$ 6   [ ]   11   [ ]   16   [ ]   21   _____

12.   20   [ ]   [ ]   [ ]   15   [ ] $\frac{50}{4}$ $\frac{45}{4}$ _____

13.   [ ]   [ ]   57   41   [ ]   9   [ ]   -23   _____

14.   -52   [ ]   2   [ ]   56   83   [ ]   [ ]   _____

15. $\frac{1}{5}$ 1 $\frac{9}{5}$ [ ]   [ ]   [ ]   5   [ ]   _____