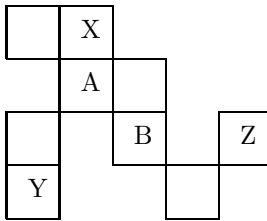


1. Consider this arrangement of boxes in a 10s grid:



- What numerals belong in boxes X, Y, and Z if 435 is in box A? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 435 is in box B this time? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 1, 287 is in box A? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 1, 287 is in box B? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 6, 032 is in box A? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 6, 032 is in box B? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 4, 008 is in box A? (Label each, and if not possible, say so.)
 - What numerals belong in boxes X, Y, and Z if 4, 008 is in box B? (Label each, and if not possible, say so.)
2. Write the THREE numerals that immediately follow each one below:
- 1,258,046
 - 200,901
 - 147,987
3. Now write the THREE numerals that immediately precede each one from Problem #2.
4. Write the THREE numerals that follow each one from Problem #2 when we count by 10s.
5. Write the FOUR numerals that precede each one from Problem #2 when we count by 10s.
6. Write the FOUR numerals that follow each one from Problem #2 when we count by thousands.
7. Write the FOUR numerals that precede each one from Problem #2 when we count by ten thousands.

1. (a) $X = 425, Y = 454, Z = 448$
(b) $X = 414, Y = 443, Z = 455$
(c) $X = 1277, Y = 1306, Z = 1300$
(d) $X = 1266, Y = 1295, Z = 1307$
(e) $X = 6022, Y = 6051, Z = 6045$
(f) $X = 6011, Y = 6040, Z = 6052$
(g) $X = 3998, Y = 4027, Z$ is not possible/goes off the grid
(h) $X = 3987, Y = 4016, Z = 4028$
2. (a) 1,258,047 then 1,258,048 then 1,258,049
(b) 200,902 then 200,903 then 200,904
(c) 147,988 then 147,989 then 147,990
3. (a) 1,258,045 then 1,258,044 then 1,258,043
(b) 200,900 then 200,899 then 200,898
(c) 147,986 then 147,985 then 147,984
4. (a) 1,258,056 then 1,258,066 then 1,258,076
(b) 200,911 then 200,921 then 200,931
(c) 147,997 then 148,007 then 148,017
5. (a) 1,258,036 then 1,258,026 then 1,258,016 then 1,258,006
(b) 200,891 then 200,881 then 200,871 then 200,861
(c) 147,977 then 147,967 then 147,957 then 147,947
6. (a) 1,259,046 then 1,260,046 then 1,261,046 then 1,262,046
(b) 201,901 then 202,901 then 203,901 then 204,901
(c) 148,987 then 149,987 then 150,987 then 151,987
7. (a) 1,248,046 then 1,238,046 then 1,228,046 then 1,218,046
(b) 190,901 then 180,901 then 170,901 then 160,901
(c) 137,987 then 127,987 then 117,987 then 107,987