HWK #1, DUE WEDNESDAY 10/8

1.1 7, 14, 18, 20, 25.
1.2 4, 10, 16, 20, 24, 26, 29, 30.

Just for fun:
A system of three equations in three unknowns corresponds to three planes in space. How many different possible configurations of three planes are there?
If we have $n$ equations in $n$ unknowns, how many possible configurations do you guess there are? (Hint: what is the answer for $n = 2$ and $n = 3$ after you add one?).