

a) Because it's a 4 digit number you're making, you should have the 9 for thousands because it's the biggest, the 9 for the hundreds, because it's the joint biggest, 8 for tens, because it's the next biggest number, and then instead of the other 8, use the seven because it's the biggest odd number there.

b) Because it's a 4 digit number you're making, you should have the 9 for the thousands because it is the biggest, the 9 for the hundreds because it is joint biggest, the 8 for the tens because it's the next biggest number, and then the other 8 because it's the biggest next number and also it's even.

c) Because it's a 4 digit number you're making you should have the 9 for thousands (3000×3) because it's the biggest and it's a multiple of 3. The 9 for hundreds because it's the joint biggest and a multiple of 3 (300×3). 8 for tens because it's the next biggest number and then 7 because it's the highest number possible because $9988 \div 3 = 3329.333$ and the final result ends up a multiple of 3. (3329×3)

d) Because 4 digit number, to make it on the tens you have two 0s and because there's not 3 0s you put the 1 in and then to make it a multiple of 5, add a 5 on the end.

e) Having the number 4998, it is two away from 5000. It would be 1 away if you had 3 nines but you don't so if you do 5001 it is only 1 away from 5000.