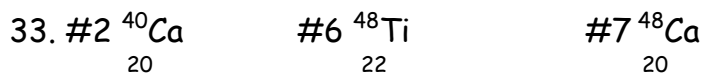


Homework
 Hill Petrucci
 Chapter 2
 P 67 #31-35,37

| 31. | Protons | Neutrons | Electrons |
|-----|---------|----------|-----------|
| a. | 30 | 34 | 30 |
| b. | 47 | 62 | 47 |
| c. | 6 | 8 | 6 |
| d. | 95 | 148 | 95 |

| 32. | Protons | Neutrons | Electrons |
|-----|---------|----------|-----------|
| a. | 90 | 142 | 90 |
| b. | 26 | 29 | 26 |
| c. | 19 | 20 | 19 |
| d. | 79 | 118 | 79 |



#2 & #7 are isotopes, they have the same number of protons but different numbers of neutrons.



35. There are multiple isotopes whose masses average the atomic mass of 79,904 u.

37. 69.7 u

You must show calculations to support this answer!