

Name: KEY

Date:

Period:

Protons, Neutrons, and Electrons Practice Worksheet

*all are assumed to be neutral atoms

may differ slightly
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| | Atomic symbol | Atomic number | Protons | Neutrons | Electrons | Mass Number | Atomic Mass |
|-----|---------------|---------------|---------|----------|-----------|-------------|-------------|
| 1. | B | 5 | 5 | 6 | 5 | 11 | 10.811 |
| 2. | Na | 11 | 11 | 13 | 11 | 24 | 22.990 |
| 3. | Ga | 31 | 31 | 37 | 31 | 68 | 69.723 |
| 4. | Y | 39 | 39 | 50 | 39 | 89 | 88.906 |
| 5. | Cu | 29 | 29 | 35 | 29 | 64 | 63.5 |
| 6. | Tc | 43 | 43 | 57 | 43 | 100 | 98.907 |
| 7. | Pb | 82 | 82 | 125 | 82 | 207 | 207.2 |
| 8. | Yb | 70 | 70 | 102 | 70 | 172 | 173.055 |
| 9. | Ac | 89 | 89 | 136 | 89 | 225 | 227 |
| | Mo | 42 | 42 | 53 | 42 | 95 | 95.95 |
| 11. | Tl | 81 | 81 | 125 | 81 | 206 | 204.383 |
| 12. | Fm | 100 | 100 | 159 | 100 | 259 | 257.095 |
| 13. | No | 102 | 102 | 159 | 102 | 261 | 259.101 |
| 14. | Tm | 69 | 69 | 101 | 69 | 170 | 168.934 |
| 15. | Sg | 106 | 106 | 159 | 106 | 265 | [266] |
| 16. | Ne | 10 | 10 | 12 | 10 | 22 | 20.2 |
| 17. | K | 19 | 19 | 20 | 19 | 39 | 39.098 |
| 18. | He | 2 | 2 | 2 | 2 | 4 | 4.003 |
| 19. | Ti | 22 | 22 | 27 | 22 | 49 | 47.867 |
| 20. | Fe | 26 | 26 | 30 | 26 | 56 | 55.8 |
| 21. | Be | 4 | 4 | 5 | 4 | 9 | 9.012 |
| 22. | S | 16 | 16 | 16 | 16 | 32 | 32.066 |
| 23. | V | 23 | 23 | 28 | 23 | 51 | 50.942 |