**Task 4: Find the half-life from the graph and find out the isotope number that matches your answer, this is the code.**

|  |  |
| --- | --- |
| **Isotope** | **Half life days** |
| fermium-252 | 1.06 |
| actinium-226 | 1.22 |
| protactinium-232 | 1.31 |
| einsteinium-251 | 1.38 |
| californium-246 | 1.49 |
| einsteinium-255 | 1.64 |
| berkelium-246 | 1.80 |
| lead-203 | 2.16 |
| plutonium-247 | 2.27 |
| neptunium-239 | 2.36 |
| gold-198 | 2.70 |
| Indium-111 | 2.81 |
| fermium-253 | 3.00 |
| gold-199 | 3.17 |
| radium-224 | 3.63 |
| radon-222 | 3.82 |
| uranium-231 | 4.20 |
| neptunium-234 | 4.40 |
| calcium-47 | 4.54 |
| berkelium-245 | 4.94 |
| bismuth-210 | 5.01 |
| xenon-133 | 5.25 |
| manganese-52 | 5.59 |
| bismuth-206 | 6.24 |
| uranium-237 | 6.75 |
| einsteinium-257 | 7.70 |
| iodine-131 | 8.02 |
| polonium-206 | 8.80 |

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