Task 6: Label the diagram and use the answers to find the code

A picture containing background pattern

Description automatically generated

⇐ 2. Name this particle

⇐ 3. Name this

⇐ 4. Name this

⇐ 5. Name this particle

1. Best describes this type of reaction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QNo. | Options | | | |
| 1 | 75. Induced fission | 20. induced fusion | 35. Spontaneous fission |
| 2 | 10. Proton | 15. fast neutron | 5. Slow neutron |
| 3 | 8. Large Nucleus eg U-235 | 9. Small Nucleus eg He | 7. Fission product |
| 4 | 50. Fusion product | 40. Fission product | 60. Fision product |
| 5 | 5. fast neutron | 2. Beta particle | 10. slow neutron |

Take the number next to each correct answer and add this to the equation below to find the combination to the last lock