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| --- | --- | --- | --- |
| Card no. 1  Monitor  **186** | Card no. 2  Beta  **247** | Card no. 3  1 mm Aluminium  **128** | Card no. 4  Fission  **265** |
| Card no. 5  Alpha  **599** | Card no. 6  1 mSv  **223** | Card no. 7  Radioactive waste  **657** | Card no. 8  Sheet of paper  **118** |
| Card no. 9  Fusion  **459** | Card no. 10  2.2 mSv  **268** | Card no. 11  Distance  **225** | Card no. 12  Gamma  **603** |
| Card no. 13  Radon gas  **911** | Card no. 14  3 mm Aluminium  **113** | Card no. 15  Cosmic rays  **613** | Card no. 16  Several cm of lead  **870** |
| Card no. 17  20 mSv  **728** | Card no. 18  1 mm lead  **712** | Card no. 19  Shield  **054** | Card no. 20  Chain reaction  **113** |

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Task 5: Guess Who. Lay out all 20 cards in order, Reject the card if it is an answer to one of the statements below.

1 Reject the three types of radiation

2 Reject all that gamma can pass through

3 Reject the ways to control your dose

4 Reject causes of background radiation

5 Reject your average Annual background radiation

6 Reject your average annual effective dose limit for radiation workers

7 Reject the process where hydrogen combines to form helium

8 Reject the name given to the process where neutrons released in reaction produce additional neutron(s) which can cause more nuclei to split.

9 Reject a reaction in which the nucleus of an atom splits into two or more smaller nuclei.

*This should leave you with one card, the three digit code at the bottom of the card will open the lock*

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