

Q1. (2018)

05.4

isotope	number of neutrons	number of protons
uranium-238	146	92
thorium-234	144	90

AO2
6.4.1.2

1

1

Q2. (2018)

06.2

positive charge is provided by protons

(every atom of the same element contain the) same number of protons

do **not** accept same number of protons and neutrons

ignore reference to electrons

1

1

AO1
6.4.1.2
6.4.1.3

Q3. (2019)

03.3

A

1

AO 1/1
6.4.1.1

A

Q4. (2019)

04.1

 $^{234}_{91}\text{Pa}$

1

AO1/1
6.4.1.2

A

Q5. (2021)

06.1

more than 10 000 times bigger

1

AO1
6.4.1.1

Q6. (2023)

01.2

2

1

AO1
6.4.2.1

Q7. (2024)

03.1

radium-228 atoms have two more neutrons

1

AO1
6.4.1.2

Q8. (2024)

07.2

118

1

AO1
6.4.1.2