

What have you learnt about Rutherford? Answer the questions.

- Who was Ernest Rutherford? Ernest Rutherford was a great _____, _____ and _____ of nuclear physics
- When was he born? He was born in _____
- Where was he born? He was born in _____
- What education did he receive? He had _____ from the _____
- What reputation did he have at the University of New Zealand? He had a reputation of an _____
- In what field did he make his greatest contribution? What was it? He made a great contribution to science with his _____

2 Here is the information about Dmitri Mendeleev, the greatest Russian scientist.

How did his discovery influence the world? Fill in the gaps with the words from the box in the correct form.

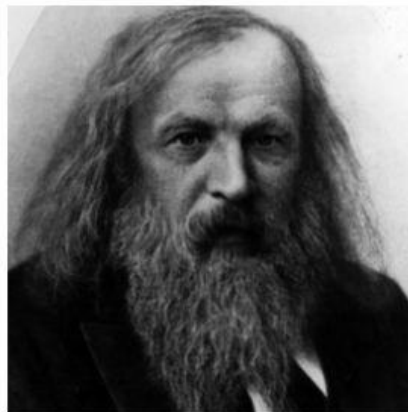
Dmitri Mendeleev is a great Russian scientist of the 19th century.

He _____ as a great chemist who _____ the *periodic classification of the elements*.

Dmitri Mendeleev was born in Tobolsk in 1834. At school, Dmitri _____ in mathematics, physics, and geography but was not good at languages. In 1855 he graduated from the Pedagogical Institute in St Petersburg with a gold medal for his _____. In 1856, he _____ in chemistry.

Dmitri Mendeleev's contribution to the world's science was _____

He was the first _____ the *dependence* of the qualities of the elements on their atomic weight. He forecast that the gaps in the table of elements would be filled in by elements which _____ yet. Dmitri Mendeleev was greatly honoured as a _____ of academies in many countries. Element No 101 _____ him. It is called Mendelevium.



achievement • create • enormous • member • name after
not discover • receive a degree • recognize • research • succeed

3. 1) For questions 1-12, write down the missing words.

Word building

Noun suffixes: -ist, -er, -ation, -ment, -ian, -tion, -ion, -y

Adjective suffixes: -ic, -al, -ful

0) science <i>n</i>	scientist (person)	<i>n</i>	scientific	<i>a</i>
1) develop <i>v</i>		<i>n</i>		
2) music <i>n</i>		<i>n</i>		<i>a</i>
3) explore <i>v</i>		<i>n</i>		<i>n</i>
4) found <i>v</i>		<i>n</i>		<i>n</i>
5) discover <i>v</i>		<i>n</i>		<i>n</i>
6) research <i>v</i>		<i>n</i>		<i>n</i>
7) achieve <i>v</i>		<i>n</i>		
8) design <i>v</i>		<i>n</i>		<i>n</i>
9) succeed <i>v</i>		<i>n</i>		<i>a</i>
10) physics <i>n</i>		<i>n</i>		<i>a</i>
11) contribute <i>v</i>		<i>n</i>		
12) recognise <i>v</i>		<i>n</i>		