The first twenty elements

A very simple periodic table shows only the first twenty elements. Note that you 'read' the periodic table like you would read the text in a book—move across each line from left to right, then start on the next line.

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<tr>
<th>3</th>
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</table>

Checkpoint 4

a Copy the following sentences and modify the incorrect statements so they become true.

i Horizontal rows in the periodic table are called noble gases.
ii Vertical columns are called periods.
iii Noble gases include helium, fluorine and argon.
iv Elements in Group VII are all metals.
v Transition metals are good conductors of heat but poor conductors of electricity.
vi The first element of a period is always a reactive gas.

b To help you remember the names of the first twenty elements, construct a mnemonic like the one below.

Harry He Likes Beer By Cupfuls, Not Over Frothy.
Nena's Naughty Mg Always Sits Parked So Cleverly.
Archibald Kicks Cats.

Skill 6.3 review

1 State the differences between different types of atoms.
2 List the names of the metalloids.
3 List the symbols of the non-metals.
4 List four elements in:
   a Group II
   b Period 3.
5 Summarise all of the properties of an element that can be known by its location in the periodic table.