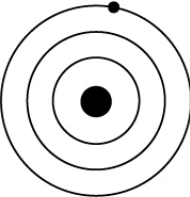
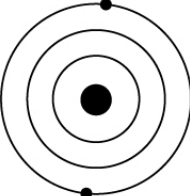
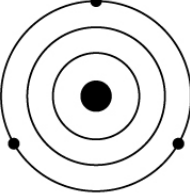
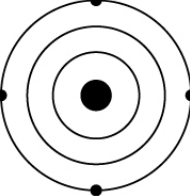
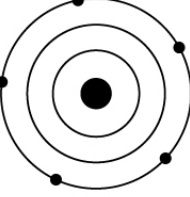
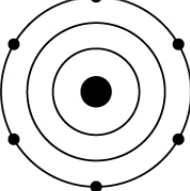


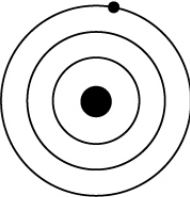
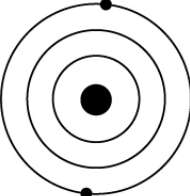
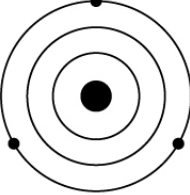
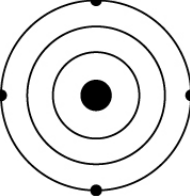
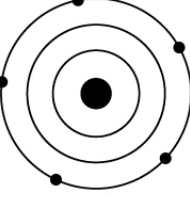
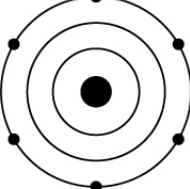
# Valence Clues

The diagrams below show the valence electrons. Using the diagrams, fill in the missing information.

Valence electron atomic structure	Element	Number of valence electrons	Group Number	Period Number	Metal / non-metal, metalloid, noble gas
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

# Valence Clues

## Answers

Valence electron atomic structure	Element	Number of valence electrons	Group Number	Period Number	Metal / non-metal, metalloid, noble gas
	<u>Sodium</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>Metal</u>
	<u>Magnesium</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>Metal</u>
	<u>Aluminum</u>	<u>3</u>	<u>13</u>	<u>3</u>	<u>Metal</u>
	<u>Silicon</u>	<u>4</u>	<u>14</u>	<u>3</u>	<u>Metalloid</u>
	<u>Phosphorus</u>	<u>5</u>	<u>15</u>	<u>3</u>	<u>Non-metal</u>
	<u>Sulfur</u>	<u>6</u>	<u>16</u>	<u>3</u>	<u>Non-metal</u>