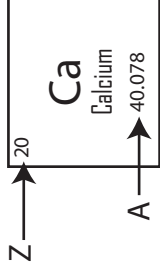


Name : \_\_\_\_\_

## Subatomic Particles

**Atomic Number:** An atomic number is the number of protons present in the atomic nucleus of an element. It is denoted by the letter "Z".

**Mass Number:** A mass number is the number of protons and neutrons present in the atomic nucleus of an element and is represented by the letter "A".



Z → Atomic Number  
A → Mass Number

**Number of Protons = Number of Electrons = Atomic Number**

Complete the missing p

Element	Atomic Number	No. of Neutrons	No. of Electrons
Be		5	4
B		57	
		6	
		8	8
Cl		18	
	10	10	
	78		

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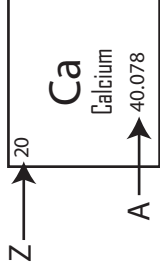
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## Subatomic Particles

**Atomic Number:** An atomic number is the number of protons present in the atomic nucleus of an element. It is denoted by the letter "Z".  
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Z → Atomic Number  
 A → Mass Number

**Number of Protons = Number of Electrons = Atomic Number**

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Complete the missing p

Element	Atomic Number	No. of Neutrons	No. of Electrons
Be		5	4
<b>Ru</b>		57	<b>44</b>
B		6	<b>5</b>
<b>O</b>		8	8
Cl		18	<b>17</b>
<b>Ne</b>		10	<b>10</b>
<b>Pt</b>		<b>117</b>	<b>78</b>