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## IP ADDRESS CLASSES (Worksheet #1)

Identify the following as Class A, B, or C addresses:

11001011.10101110.10110001.01101101 = **C**

01011011.01101111.01010001.01000001 = **A**

11010011.01001110.10010111.11110111 = **C**

10011101.11011000.11110000.11101011 = **B**

10011010.10100110.11011101.10011001 = **B**

125.37.200.75 = **A**

206.223.98.5 = **C**

198.78.250.60 = **C**

56.123.67.23 = **A**

135.82.75.3 = **B**

Identify each IP address by class, designate network and broadcast addresses by using their classfull default network masks for each:

Address	Class	Default Netmask	Network Address	Broadcast Address
202.98.142.88	<b>C</b>	<b>255.255.255.0</b>	<b>202.98.142.0</b>	<b>202.98.142.255</b>
75.120.35.7	<b>A</b>	<b>255.0.0.0</b>	<b>75.0.0.0</b>	<b>75.255.255.255</b>
180.65.87.125	<b>B</b>	<b>255.255.0.0</b>	<b>180.65.0.0</b>	<b>180.65.255.255</b>
218.115.176.225	<b>C</b>	<b>255.255.255.0</b>	<b>218.115.176.0</b>	<b>218.115.176.255</b>
163.231.100.1	<b>B</b>	<b>255.255.0.0</b>	<b>163.231.0.0</b>	<b>163.231.255.255</b>