Given the subnet Mask **255.255.255.192.** What is the host address and subnet of the following IP address: **197.1.2.67.**

○ Subnet = 3 and host address 3

○ Subnet = 3 and host address 1

○ Subnet = 2 and host address 1

○ Subnet = 2 and host address 3
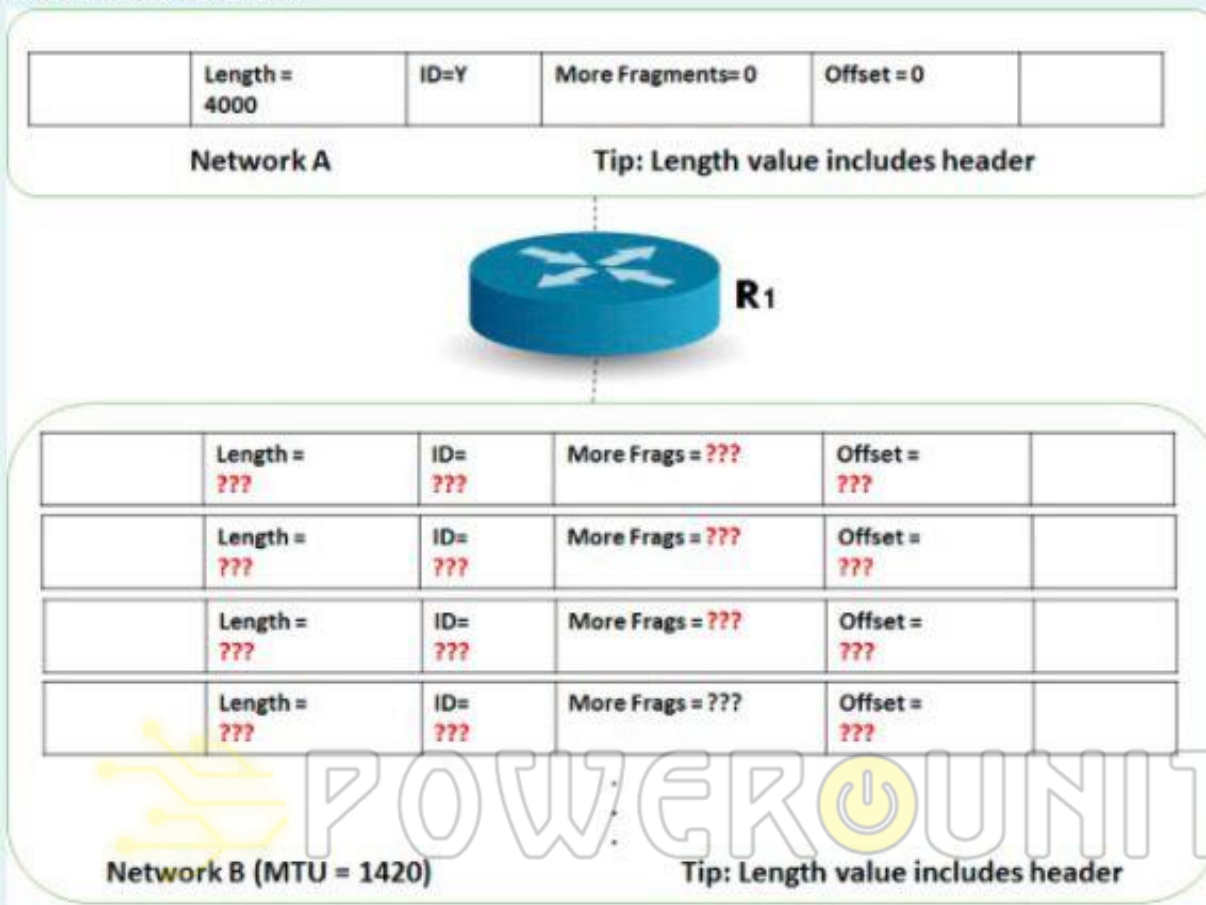
● Subnet = 1 and host address 3

Clear my choice

The classfull IP address 192.36.7.7 : ....

○ None of the mentioned

○ Neither "class C address" nor "includes a 16-bit host" is true

● Is a Class C address

○ Both "class C address" and "includes a 16-bit host" are true

○ Includes a 16-bit host number

Clear my choice

Consider the figure below where a packet ID Y, which is sent from network A, is received by router R1 to be forwarded to a host that exists in network B. How many fragments are to be generated?

	Length = 4000	ID=Y	More Fragments=0	Offset = 0	

Network A Tip: Length value includes header

R1

	Length = ???	ID= ???	More Frags = ???	Offset = ???	
	Length = ???	ID= ???	More Frags = ???	Offset = ???	
	Length = ???	ID= ???	More Frags = ???	Offset = ???	
	Length = ???	ID= ???	More Frags = ???	Offset = ???	

Network B (MTU = 1420) Tip: Length value includes header

○ 3

○ 4

○ 5

● 2

○ None of the values mentioned

Subnet the Class C IP Address 195.1.1.0 So that you have 10 subnets each with a maximum 12 hosts on each subnet. List the address on host 1 on subnet 10

- ◉ 195.1.1.161

- ○ 195.1.1.1

- ○ 195.1.1.33

- ○ 195.1.1.17

- ○ 195.1.1.49

Clear my choice

EIGRP send the hello message after every _____ seconds

○ 15s

● 5 seconds (LAN), 60 seconds (WAN)

○ 180s

○ 5 seconds (LAN), 5 seconds (WAN)

○ 360s

Clear my choice

Subnet the Class C IP Address 195.1.1.0 So that you have 10 subnets each with a maximum 12 hosts on each subnet. List the address on host 1 on subnet 0

- ○ 195.1.1.161

- ○ 195.1.1.49

- ○ 195.1.1.33

- ● 195.1.1.1

- ○ 195.1.1.17

Clear my choice

IP is .... datagram protocol

- ⦿ Both "an unreliable" and "a connectionless"

- ○ A reliable

- ○ An unreliable

- ○ A connectionless

- ○ None of the mentioned

Clear my choice

You are a private contractor hired by the large company to setup the network for their enterprise. The Network ID is 33 and you need at least 125 subnets in their large network with at least 125,000 hosts on each of the subnets. What is the class of this ID and What would be the subnet mask for this network?

○ Class B, subnetmask = 255.255.0.0

○ None of the choices mentioned

○ Class A, subnetmask = 255.0.0.0

○ Class C, subnetmask = 255.255.255.0

● Class A, subnetmask = 255.254.0.0

Clear my choice

ire below where a packet ID Y, which is sent from network A, is received by route
ost that exists in network B. What are the values of length, ID, More Frags, and of
belong to the first fragment?

Length = 4000	ID=Y	More Fragments= 0	Offset = 0

Network A   Tip: Length value includes header

R1

Length = ???	ID= ???	More Frags = ???	Offset = ???
Length = ???	ID= ???	More Frags = ???	Offset = ???
Length = ???	ID= ???	More Frags = ???	Offset = ???
Length = ???	ID= ???	More Frags = ???	Offset = ???

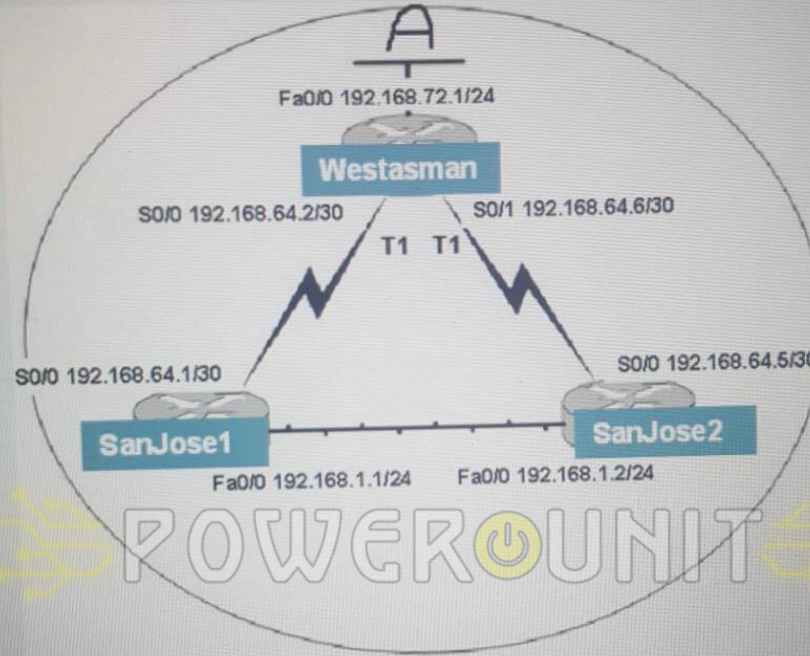| Length = ???	ID= ???	More Frags = ???	Offset ???
Length = ???	ID= ???	More Frags = ???	Offset ???

Network B (MTU = 1420)   Tip: Length value

- ○ 1440, Y, 1, 0

- ○ None of the values mentioned

- ○ 1420, X, 1, 0

- ○ 1400, Y, 1, 0

- ◉ 1420, Y, 1, 0

Clear my choice

Study the following figure and answer the question below
bearing in mind that SanJose1 want to find a route to network
A:

FaO/0 192.168.72.1/24

Westasman

SO/0 192.168.64.2/30   SO/1 192.168.64.6/30

T1   T1

SO/0 192.168.64.1/30   SO/0 192.168.64.5/30

SanJose1   SanJose2

FaO/0 192.168.1.1/24   FaO/0 192.168.1.2/24

What is the optimal feasible distance to that network?

○ 2198016

◉ 2172416

○ 2174976

○ None of the mentioned

You have been allocated a class C network address of 211.1.1.0 and are using the default subnet mask of 255.255.255.0, How may hosts can you have?

○ 255

○ 56

◉ 254

○ 128

○ 32

Clear my choice

Consider the figure below where a packet ID Y, which is sent from network A, is received by router R1 to be forwarded to a host that exists in network B. What are the values of length, ID, More Frags, and offset, respectively that belong to the second fragment?

Length = 4000	ID=Y	More Fragments= 0	Offset = 0	

Network A

Tip: Length value includes header

R1

Length = ???	ID= ???	More Frags = ???	Offset = ???	
Length = ???	ID= ???	More Frags = ???	Offset = ???	
Length = ???	ID= ???	More Frags = ???	Offset = ???	
Length = ???	ID= ???	More Frags = ???	Offset = ???	

|	???	???		???	
	Length = ???	ID= ???	More Frags = ???	Offset = ???	

Network B (MTU = 1420)   Tip: Length value includes header

○ 1400, Y, 1, 175

○ None of the values mentioned

○ 1440, Y, 1, 175

○ 1420, X, 1, 172

◉ 1420, Y, 1, 175

Clear my choice

Consider the figure below where a packet ID Y, which is sent from network A, is received by router R1 to be forwarded to a host that exists in network B. What are the values of length, ID, More Frags, and offset, respectively that belong to the last fragment?

	Length = 4000	ID=Y	More Fragments= 0	Offset = 0	

Network A   Tip: Length value includes header

R₁
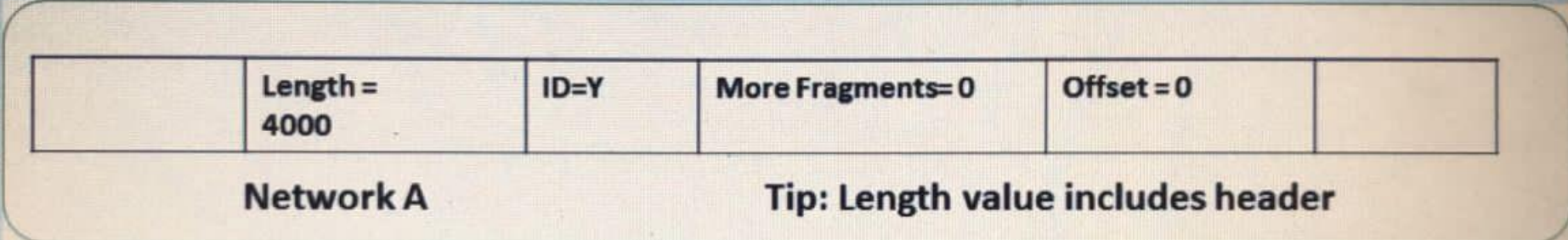
	Length = ???	ID= ???	More Frags = ???	Offset = ???	
	Length = ???	ID= ???	More Frags = ???	Offset = ???	
	Length = ???	ID= ???	More Frags = ???	Offset = ???	

Subnet the Class C IP Address 195.1.1.0 So that you have 10 subnets each with a maximum 12 hosts on each subnet. List the address on host 1 on subnet 2

- ● 195.1.1.33

- ○ 195.1.1.161

- ○ 195.1.1.49

- ○ 195.1.1.1

- ○ 195.1.1.17