

# Subnet Review

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

## Class C, Practice #1

<b>192.168.32.0</b>	<b>4 subnets</b>
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- How many bits do you need to borrow? \_\_\_\_\_
  - What is the total number of subnets? \_\_\_\_\_
  - What is the total number of useable hosts per subnet? \_\_\_\_\_
- What's your subnet mask? \_\_\_\_\_ Magic No.? \_\_\_\_\_
- Fill in the table below with the four subnets.

<b>Subnet No.</b>	<b>Subnet Address</b>	<b>Host Range</b>	<b>Broadcast Address</b>
1			
2			
3			
4			

- Draw in the space below what this four subnet network could look like:

<b>192.168.32.0</b> <b>32 hosts</b>
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- 5. How many bits do you need to borrow? \_\_\_\_\_
  - a) What is the total number of subnets? \_\_\_\_\_
  - b) What is the total number of useable hosts per subnet? \_\_\_\_\_
- 6. What's your subnet mask? \_\_\_\_\_ Magic No.? \_\_\_\_\_
- 7. Fill in the table below for the eight subnets.

<b>Subnet No.</b>	<b>Subnet Address</b>	<b>Host Range</b>	<b>Broadcast Address</b>
1			
2			
3			
4			
5			
6			
7			
8			

**192.168.32.0      8 subnets**

- 8. How many bits do you need to borrow? \_\_\_\_\_
  - a) What is the total number of subnets? \_\_\_\_\_
  - b) What is the total number of useable hosts per subnet? \_\_\_\_\_
- 9. What's your subnet mask? \_\_\_\_\_ Magic No.? \_\_\_\_\_
- 10. Fill in the table below for the eight subnets.

<b>Subnet No.</b>	<b>Subnet Address</b>	<b>Host Range</b>	<b>Broadcast Address</b>
1			
2			
3			
4			
5			
6			
7			
8			