

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

“Borrowing” bits practice worksheet:

**Draw a vertical line between the network part of the address and the host part of the address.**

1. Borrow the bits for 4 subnets. How many bits are left over for host addressing? \_\_\_\_\_



2. Borrow the bits for 8 subnets. How many bits are left over for host addressing? \_\_\_\_\_



3. Borrow the bits for 3 subnets. How many bits are left over for host addressing? \_\_\_\_\_



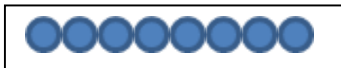
4. Borrow the bits for 8 subnets. How many bits are left over for host addressing? \_\_\_\_\_



5. Borrow the bits for 12 subnets. . How many bits are left over for host addressing? \_\_\_\_\_



6. Borrow the bits for 32 subnets. . How many bits are left over for host addressing? \_\_\_\_\_



7. Borrow the bits for 16 subnets. . How many bits are left over for host addressing? \_\_\_\_\_



8. Borrow the bits for 7 subnets. . How many bits are left over for host addressing? \_\_\_\_\_



9. Borrow the bits for 10 subnets. . How many bits are left over for host addressing? \_\_\_\_\_

