

OBJECT	DIAMETER (km)	Subnet with mask	Summary address with mask	Type of Object
THE SUN	1400000			star
MERCURY	2440			Planet
VENUS	12100			Planet
EARTH	12750			Planet
THE MOON	3480			moon
MARS	6780			Planet
PHOBOS	106			moon
DEIMOS	12			moon
JUPITER	140000			Planet
GANYMEDE	5270			moon
CALLISTO	4820			moon
IO	3640			moon
EUROPA	3120			moon
SATURN	116500			Planet
TITAN	5140			moon
RHEA	1520			moon
LAPETUS	1470			moon
DIONE	1120			moon
TETYS	1060			moon
ENCELADUS	500			moon
MIMAS	400			moon
URANUS	50600			Planet
TITANIA	1580			moon
OBERON	1520			moon
UMBRIEL	1170			moon
ARIEL	1160			moon
MIRANDA	470			moon
NEPTUN	49250			Planet
TRITON	2700			moon

Use private range from class A to create addressing scheme. Use diameter of the object to determine the size of a subnet. Summarize subnets for each planetary system (colour coded). Determine the summary address for all the objects ("supernet")