NO:	AVOGADRO CONSTANT-SET-1	
1	Benzene is a liquid with molecular formula C <sub>6</sub> H <sub>6</sub> .	
	Ethene is a gas with molecular formula C <sub>2</sub> H <sub>4</sub> .	
	Which statement is correct?	
	Α	1 mole of benzene and 1 mole of ethene contain the same number of atoms.
	В	1 mole of benzene and 1 mole of ethene both have a volume of 24 dm³ at room temperature and pressure.
	С	Both benzene and ethene have the same empirical formula.
	D	The number of carbon atoms in 0.5 moles of ethene is equal to the Avogadro constant.
Ms-1	D	
2	Which gas sample contains the smallest number of molecules?	
	Α	4g of helium
	В	16 g of oxygen
	С	28 g of carbon monoxide
	D	28 g of nitrogen
Ms-2	В	