

10: According to Gay-Lussac's law the volume of the gas is?

Answer: a) constant b) variable c) equal to zero

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Q2: Under the same conditions of temperature and pressure, how many times faster will hydrogen effuse compare to carbon dioxide. (25 degree)

Q3: Calculate the density of carbon dioxide (44 g mol-1) at STP.

(25 degree)

d) equal to 22.4 L

$$\frac{V1H}{V^{2}(0)} \frac{t^{2}(0)}{t^{2}} = \frac{1}{2} \frac{1}{2$$