

Answer on Question 84698 in General Chemistry.

$$M(\text{Cl}_2) = 70.9 \text{ g/mol}$$

$$m(\text{Cl}_2) = 150 \text{ g}$$

$$n(\text{Cl}_2) = ?$$

$$n = \frac{m}{M} = \frac{150}{70.9} = 2.1 \text{ mol}$$

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