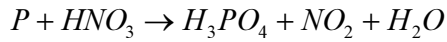
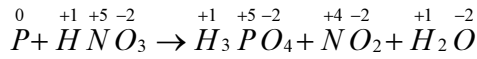


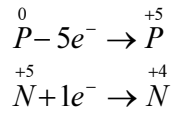
311. Koliko se litara NO_2 izdvaja dejstvom nitratne kiseline na 6,2 grama fosfora u reakciji:



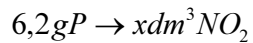
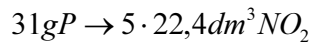
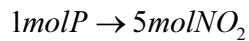
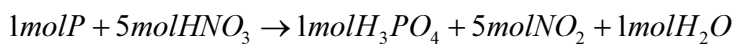
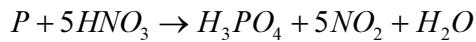
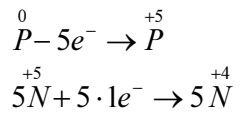
Prvi korak je da odredimo oksidacione brojeve hemijskih elemenata koje učestvuju u hemijskoj reakciji.



Vidimo da samo fosfor i azot menjaju oksidacione brojeve



Kako broj primljenih i otpuštenih elektrona nije isti, donju jednačinu množimo sa 5.



$$x = \frac{6,2\text{gP} \cdot 5 \cdot 22,4\text{dm}^3\text{NO}_2}{31\text{gP}}$$

$$x = 22,4\text{dm}^3\text{NO}_2$$