

```
In [4]: m_NOx=1.5;
m_HC=2.0;
m_CO=20.0;
m_f=120.0;
m_a=14.6*m_f;
m_tot=m_f+m_a;

w_NOx=30.0
w_HC=13.87
w_CO=30.01
w_tot=28.0

x_NOx=m_NOx/m_tot; print "x_NOx= ", x_NOx;
x_HC=m_HC/m_tot; print "x_HC= ", x_HC;
x_CO=m_CO/m_tot; print "x_CO= ", x_CO;
print "";

ppm_NOx=1e6*x_NOx*w_tot/w_NOx; print "ppm_NOx= ",ppm_NOx;
ppm_HC=1e6*x_HC*w_tot/w_HC; print "ppm_HC= ",ppm_HC;
ppm_CO=1e6*x_CO*w_tot/w_CO; print "ppm_CO= ",ppm_CO;

x_NOx= 0.000801282051282
x_HC= 0.00106837606838
x_CO= 0.0106837606838

ppm_NOx= 747.863247863
ppm_HC= 2156.77937379
ppm_CO= 9968.18724243
```

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In [ ]:
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