Supplemental problem 01: Given the stress fields: [-12, 3, -4; 3, 5, 1; -4, 1, -8], determine the corresponding strain field given E=30e06 and nu=.3.

E= 3.00E+07 **nu=** 0.3

	Strain										**Stress**	
e_x	**-3.70E-04**		**3.33E-08**	**-1.00E-08**	**-1.00E-08**	**0**	**0**	**0**		**-1.2000E+04**	s_x
e_y	**3.67E-04**		**-1.00E-08**	**3.33E-08**	**-1.00E-08**	**0**	**0**	**0**		**5.0000E+03**	s_y
e_z	**-1.97E-04**	**"="**	**-1.00E-08**	**-1.00E-08**	**3.33E-08**	**0**	**0**	**0**	**x**	**-8.0000E+03**	s_z
e_{zy}	**8.67E-05**		**0**	**0**	**0**	**8.67E-08**	**0**	**0**		**1.0000E+03**	s_{zy}
e_{zx}	**-3.47E-04**		**0**	**0**	**0**	**0**	**8.67E-08**	**0**		**-4.0000E+03**	s_{zx}
e_{xy}	**2.60E-04**		**0**	**0**	**0**	**0**	**0**	**8.67E-08**		**3.0000E+03**	s_{xy}

	Stress										**Strain**	
s_x			**40384615**	**17307692**	**17307692**	**0**	**0**	**0**				e_x
s_y			**17307692**	**40384615**	**17307692**	**0**	**0**	**0**				e_y
s_z		**"="**	**17307692**	**17307692**	**40384615**	**0**	**0**	**0**	**x**			e_z
s_{zy}			**0**	**0**	**0**	**11538462**	**0**	**0**				e_{zy}
s_{zx}			**0**	**0**	**0**	**0**	**11538462**	**0**				e_{zx}
s_{xy}			**0**	**0**	**0**	**0**	**0**	**11538462**				e_{xy}