Panel 1	Private Freehand 1
Complex HW #23	
Evaluate the integrals	
a) $\int \frac{3z^3+2}{(z-1)(z^2+9)} dz$ for $C:  z-2 =2$ and $C:  z =4$	
b) $\int \frac{d\xi}{\xi^{2}(\xi+4)}$ , for $C:  \xi =2$ and $C:  \xi+2 =3$	
c) $\int_{C} \frac{\epsilon^{3}e^{1/\epsilon}}{1+\epsilon^{3}} d\epsilon$ , for $C:  \epsilon =3$	
d) $\int_{3+2\cdot\sin(t)}^{2\pi} dt$	
1	1