1) A) Complete the tables for the given functions and graph both on the same coordinate system $f(x)=2 x+3$ and $g(x)=\frac{x-3}{2}$

2) A) Complete the tables for the given functions and graph both on the same coordinate system $f(x)=x^{3}+2$ and $g(x)=\sqrt[3]{x-2}$

b) Find (fog)(3)
c) Find (gof)(1)
c) Find $(f o g)(-6)$
d) Find $(g o f)(-1)$
3) A) Complete the tables for the given functions and graph both on the same coordinate system $f(x)=x^{2}-4$ when $\mathrm{x} \geq 0$ and $g(x)=\sqrt{x+4}$

4) A) Use the given tables of values to graph both functions on the same coordinate system

| X | $\mathrm{F}(\mathrm{x})=$ | $\square+\square_{6}^{7}+{ }^{+}$ | X | $\mathrm{G}(\mathrm{x})=$ |
| :---: | :---: | :---: | :---: | :---: |
| -1 | 1/2 | $\square \stackrel{5}{4}_{\square}^{\square}$ | 1/2 | -1 |
| 0 | 1 |  | 1 | 0 |
| 1 | 2 | - | 2 | 1 |
| 2 | 4 | - ${ }_{-7}^{-5}$ | 4 | 2 |

b) Find (fog)(1)
c) Find (gof)(2)
d) Find $(f o g)(2)$
e) Find (gof)(-1)
f) Find (fog)(1/2)
g) Find (gof)(0)

