

MATH 160 Session #3

1. Four functions named F, G, H, and K are defined as follows for $-2 \leq x \leq 4$:

a. $F(x) = 3x + 2$

c. $H(x) = -2x + 10$

b. $G(x) = x^2 + 2x$

d. $K(x) = 2x - x^2 + 4$

2. Complete the data tables .

x	F(x)	G(x)	H(x)	K(x)
-2	-4	0	14	-4
-1	-1	-1	12	1
0	2	0	10	4
1	5	3	8	5
2	8	8	6	4
3	11	15	4	1
4	14	24	2	-4

3. Sketch a graph for each function.

