

# STATION 2

Directions: Group the functions into 3 categories: even, odd, and neither.

(A)

$$f(x) = -7x^4 - 6x^2 - 1$$

(B)

$$f(x) = -10x^7 - \frac{1}{2}x$$

(C)

$$f(x) = \frac{7}{2}x^2 - x + 5$$

(D)

$$f(x) = 9x^9 + 8x^8 - 100$$

(E)

$$f(x) = \sqrt{4x^6 - 2x^2} + \frac{11}{2}$$

(F)

$$f(x) = 4x^4 - \frac{2}{3}x^2$$

(G)

$$f(x) = 5x^3 + 5x$$

(H)

$$f(x) = 3x - 5$$

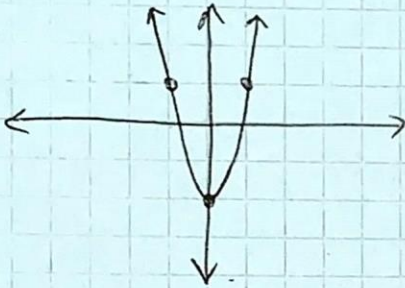
(I)

$$f(x) = 2x^2 + 10$$

(J)

$$f(x) = |x+4| - 5$$

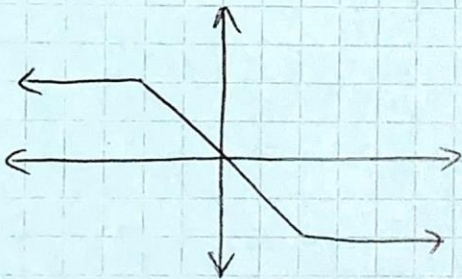
(K)



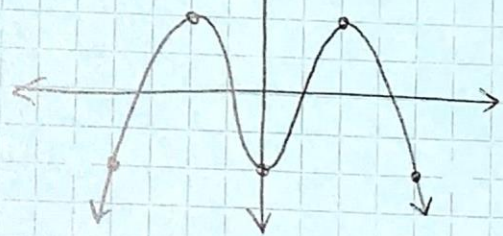
(L)



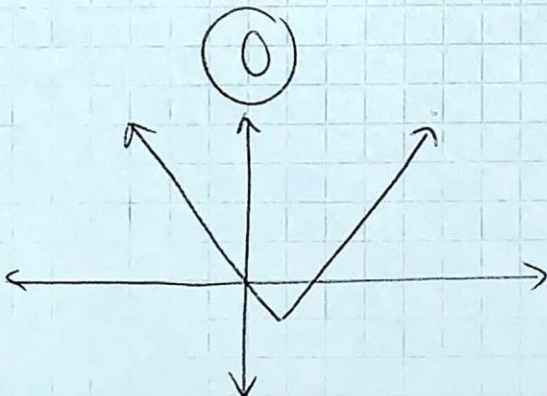
(M)



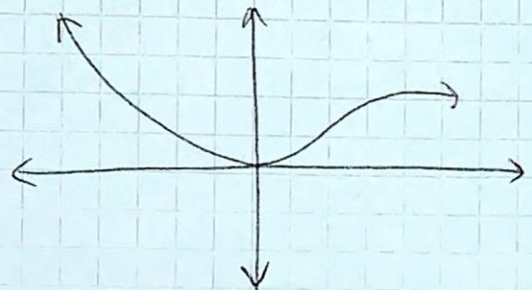
(N)



(O)



(P)



# Answers for Even/Odd/Neither

{ STATION 2 }

Even: A, E, F, I, K, N

Odd: B, G, L, M

Neither: C, D, H, J, O, P