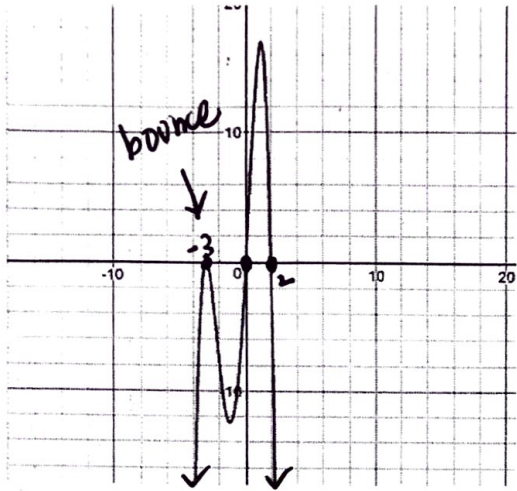


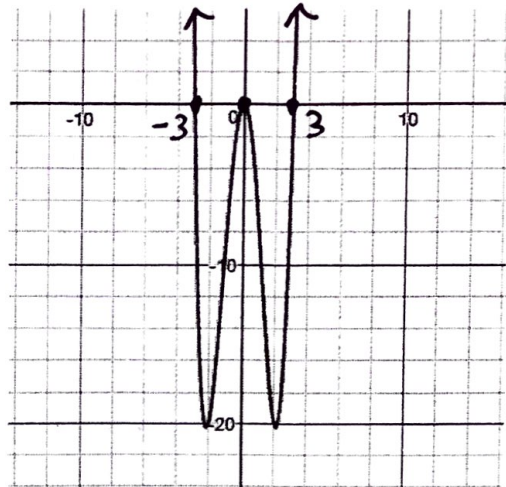
#1, 2
(graphs by 2's)

1. Write the equation for the following graphs.



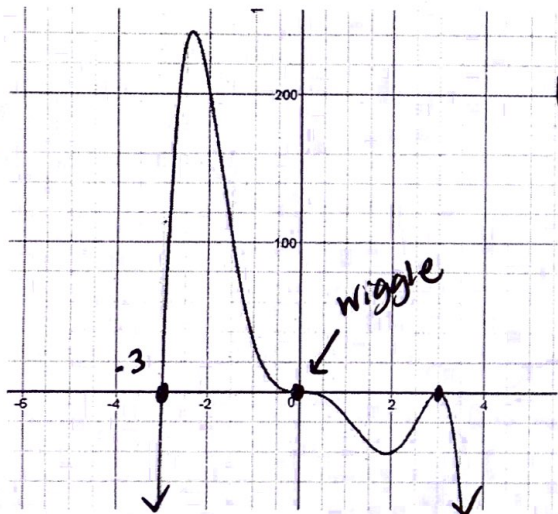
EVEN
-

$$y = -(x+3)^2(x)(x-2)$$



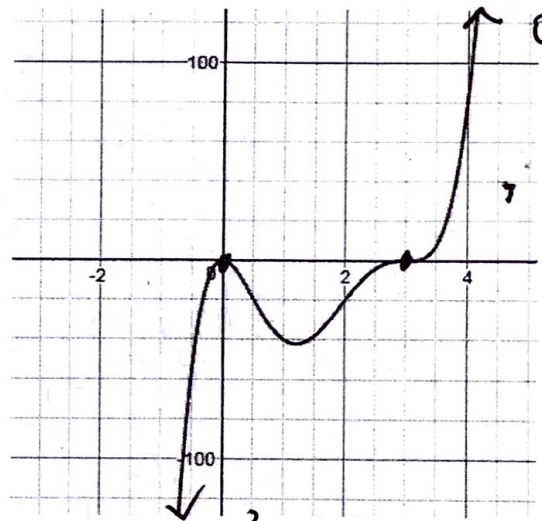
EVEN
+

$$y = (x+3)(x^2)(x-3)$$



EVEN
-

$$y = -(x+3)(x^3)(x-3)^2$$



ODD
+

$$y = x^2(x-3)^3$$

2. Graph the following.

$$y = -(x-7)^2(x+4)^3$$

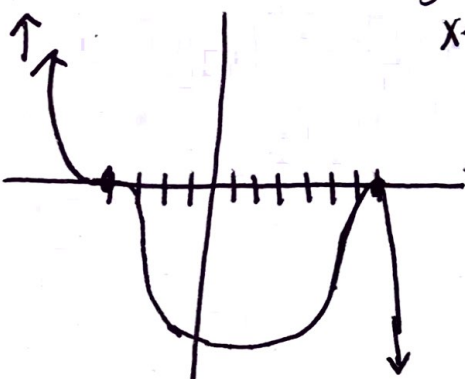
deg. = 5

$$y = x^2(x+6)^2(x+1)$$

deg. = 5

odd
right up

~~$$y = x^3 - 3x^2 + 3x + 9$$~~



$x-7=0$
 $x=7$
bounce
 $x+4=0$
 $x=-4$
wiggle

