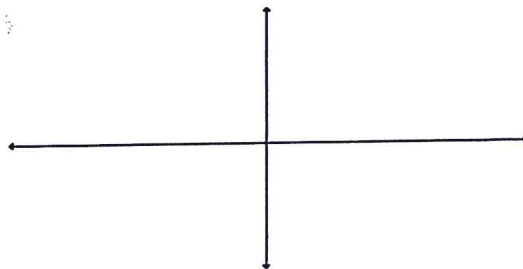
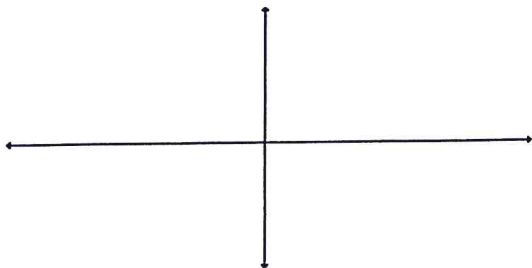


Algebra 2 Bellwork Tuesday, December 15, 2015

1. Sketch each function.

a) $y = (4-x)^3(x+3)^2(x+1)$

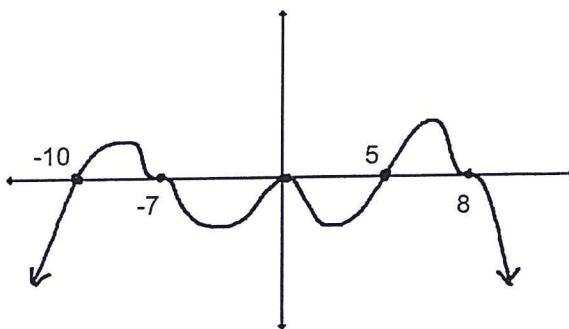
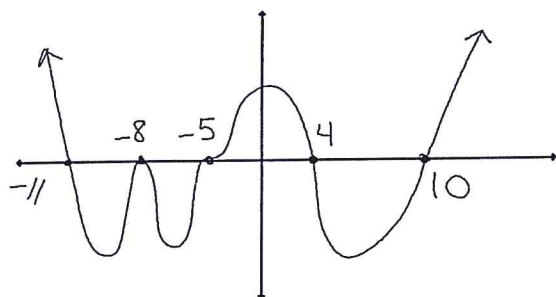
b) $y = x^2(x+6)^2(x-7)^3(x+3)^2$



2. Write a possible equation for each polynomial shown below.

a)

b)



Algebra 2 Bellwork Tuesday, December 15, 2015

Answers

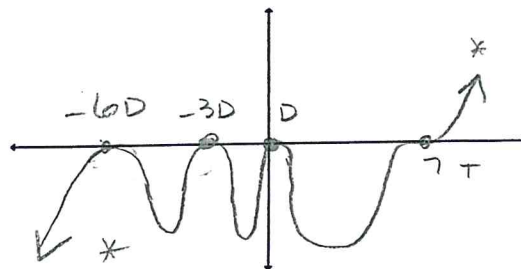
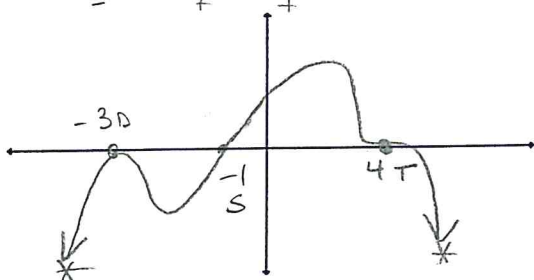
1. Sketch each function.

a) $y = (4-x)^3(x+3)^2(x+1)$

b) $y = x^2(x+6)^2(x-7)^3(x+3)^2$

Pos odd

(↖, ↗)



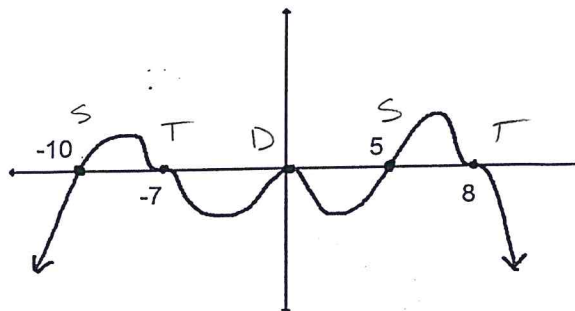
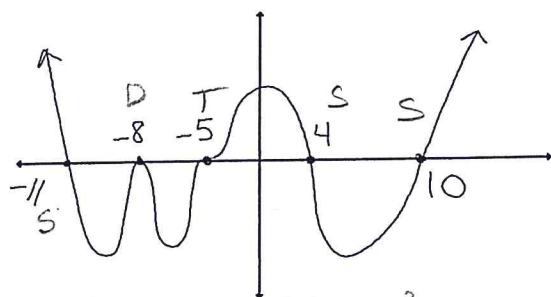
2. Write a possible equation for each polynomial shown below.

a)

Pos Even

b)

Neg even



$$y = (x+11)(x+8)^2(x+5)^3(x-4)(x-10)$$

$$y = -x^2(x+10)(x+7)^3(x-5)(x-8)^3$$