Name:	
Date:	Class:

State the zeros, multiplicity, and intersection. Also find the degree and end behavior and use to sketch a graph $\frac{\gamma}{2}$

1. f(x) = (x - 1)(x - 3)(x - 4)

Zero	Multiplicity	Intersection



2. $f(x) = x(x+4)(x+2)^2$

Zero	Multiplicity	Intersection



3. $f(x) = x^2(x+2)(x-5)$

Zero	Multiplicity	Intersection



4.
$$f(x) = (x+2)(x+1)(x-1)$$

Zero	Multiplicity	Intersection



5. $f(x) = x^2(x+3)$

Zero	Multiplicity	Intersection



6.
$$f(x) = (x-5)(x+2)^2(x+4)$$

Zero	Multiplicity	Intersection

