

p. 297 evens

#8  $2m^2 + 7m - 3$   
degree 2

#10  $-3x + 5$  degree 1

#12  $2p^2 - p$  degree 2

#14  $-x^5$  degree 5

#16  $-2x^3$  degree 3

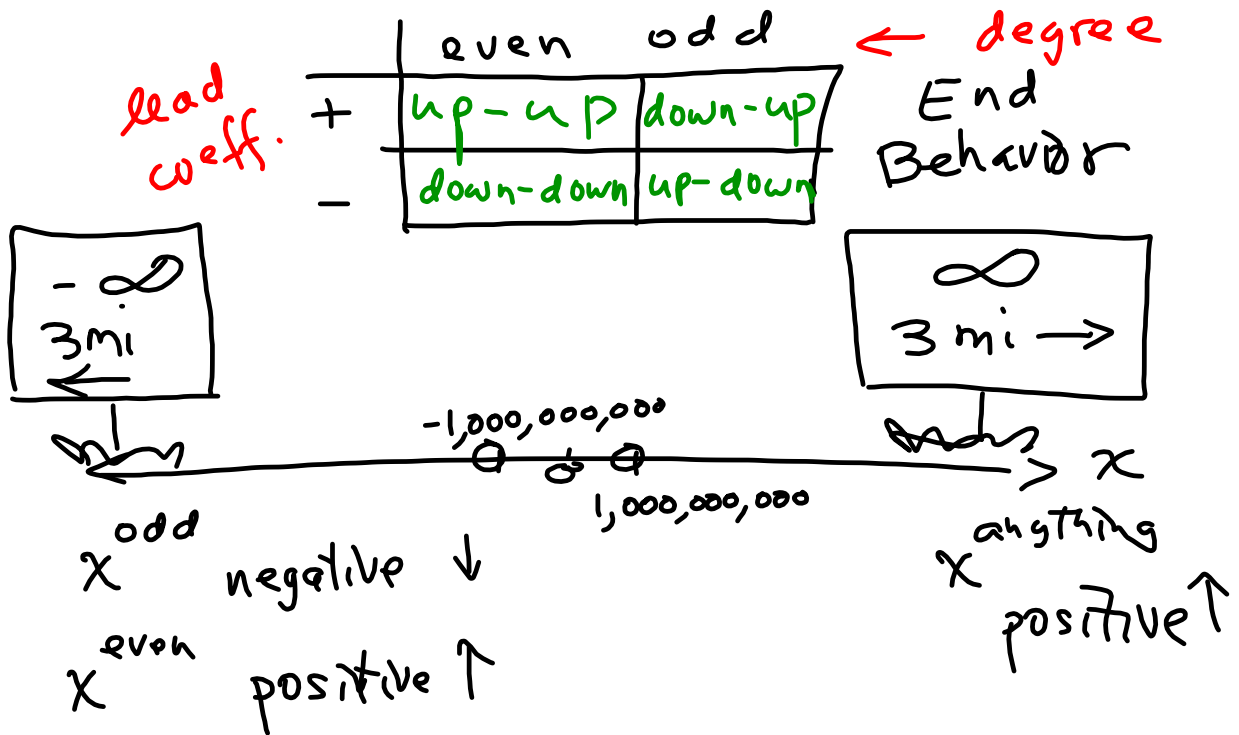
#18 up-down

#20 down-down

#22 down-down

#24 down-up  
2 turning points

#26 down-up no t.p



up-down

leading terms  


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 $5 \leftarrow \text{odd}$   
 $-3x$   
 $\uparrow$   
 neg

down-up

$5x$   $5 \leftarrow \text{odd}$   
 $\uparrow$   
 pos

1<sup>st</sup> differences in a table

	1 <sup>st</sup> diff	2 <sup>nd</sup> diff	3 <sup>rd</sup> diff	
-1	-6	10	>	-6
-7				
-3	4	4	>	-6
5				
11	8	-2	>	-6
9				
-7	6	-8	>	-6
-7				
	-2	-14	>	-6
	-16		>	-6

x	y
-3	-1
-2	-7
-1	-3
0	5
1	11
2	9
3	-7

degree 3