

APR Name: _____

Using the table of values:

- Draw a sketch
- State the number of real roots and where they are located in the table ($x=?$ or between ____ & ____)
- State the number of imaginary roots
- State the minimum degree possible
- State the number of turning points
- State the number of relative minimum(s)
- State the number of relative maximum(s)
- State whether the leading coefficient is positive or negative
- State the end behavior

1.

x	y
-4	520
-3	143
-2	0
-1	-24.5
0	.10
1	0
2	-2
3	12.5
4	108

2.

x	y
-6	0
-5	36
-4	48
-3	42
-2	24
-1	0
0	-24
1	-42
2	-48
3	-36
4	0
5	66

3.

x	y
-5	0
-4	-42
-3	0
-2	60
-1	96
0	90
1	48
2	0
3	0
4	126
5	480

4.

x	y
-5	27
-4	18
-3	11
-2	6
-1	3
0	2
1	3
2	6
3	11
4	18
5	27

5.

x	y
-6	1710
-5	0
-4	-156
-3	180
-2	378
-1	240
0	0
1	324
2	2310

6.

x	y
-3	61
-2	6
-1	-3
0	-2
1	-3
2	6
3	61

7.

x	y
-3	-936
-2	-224
-1	-32
0	0
1	-8
2	64
3	576

8.

x	y
-5	22
-4	29
-3	24
-2	13
-1	2
0	-3
1	4
2	29

9.

x	y
-5	-9203
-4	-1771
-3	-127
-2	10
-1	-2.5
0	0
1	16
2	177
3	324
4	-1126
5	-9049