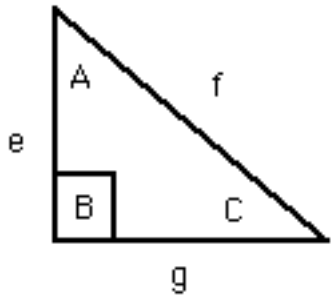
Name_____

C.



Use this diagram for each triangle
Using only the two given values in each line, complete the chart
(on your OWN paper,of course!)

	A	B	C	e	f	g
#1	71	X	X	16	X	X
#2	X	X	X	X	23	15
#3	X	X	X	11	31	X
#4	32	X	X	X	X	42
#5	X	X	X	19	X	13
#6	X	X	39	X	96	X

D. Graph the following data tables. Then sketch them on your own paper and answer questions about each graph.

Table A	
P	V
100	800
200	400
400	200
600	133
700	114
800	100
1000	80

1. What relationship do you see?
2. About how much V would you expect to get with 500 P?
3. What do we call that type of estimate?
4. Name the graph's dependent and independent variables.
5. Which goes on which axis?

Table B	
T	D
0	0
1	5
2	20
3	45
4	80
5	125

1. What relationship do you see?
2. About how much T is needed to get out 150 D?
3. What do we call that type of estimate?
4. Name the graph's dependent and independent variables.
5. Which goes on which axis?

Table C	
T	V
0	0
1	20
2	45
3	60
4	84
5	105

1. What relationship do you see?
2. Calculate the slope of the line, and write the line's equation.
3. Name the graph's dependent and independent variables.
4. Which goes on which axis?

Table D	
T	D
0	0
1	3
2	12
3	27
4	48
5	85

1. What relationship do you see?
2. Name the graph's dependent and independent variables.
3. Which goes on which axis?

Table E	
A	G
0	18
1	19
2	21
3	24
4	25
5	27
6	29

1. What relationship do you see?
2. Calculate the slope of the line, and write the line's equation.
3. Name the graph's dependent and independent variables.
4. Which goes on which axis?

If your life was on the line, would you be more comfortable Interpolating or Extrapolating? Why?
Which do politicians typically use? Why?