

1. Use a series of lines to join contiguous numbers whose sum equals 80. Start at “a” and end at “b.”

a

1	2	3	4	5	6	7
8	9	10	9	8	7	6
5	4	3	2	7	9	10
1	2	3	12	13	15	11
5	6	5	4	3	2	1
4	2	4	6	8	10	12
2	5	7	9	11	9	7
1	2	3	4	5	6	7
20	16	14	12	10	8	6
10	8	4	2	6	4	2
4	1	2	3	5	7	9
3	5	7	1	4	6	8
2	7	3	9	2	8	7
1	8	6	4	2	5	9

b

2. Using the listed items, devise a system that will logically determine the missing price.

DESSERT	
Apple Pie.....	8
Chocolate Cake.....	13
Ice Cream.....	8
Fruit Salad.....	?

3. Can you find SEVEN (7) shorter words that compose the long one below? For example, *intergenerational* is made up of in, gene, era, ratio, ration, etc.

DIPLOMATICALLY