Tables and Graphs Practice   Name_____BL___

For each of the following, construct a **table and graph** <u>on another page</u>.

1. **Use Table #1:**

   What is the relationship between the distance below the surface and the number of fossils collected? The students collected **three** buckets at each location. At 80 cm below there were 0, 0 and 1 fossil; 140 cm had 2, 3, and 0 fossils, 200 cm had 8, 10 and 7 fossils, 260 cm had 15, 16, and 16 fossils; and 320 cm had 32, 30, and 35 fossils.

2. **Use Table #2:**

   In 1988 and 1989, the USA imported a lot of food. We imported in billions of dollars the following amounts: Shellfish, $2.7 & $4.2; Coffee, $2.5 & $2.5; Beef and Veal, $1.7 & $1.4; Pork, $0.9 & $0.8; Orange Juice, $0.6 & $0.8; Cheese, $0.4; Grapes, $0.3 & $0.5; Tomatoes, $0.2 & $0.5.

3. **Use either Table #1 or 2. Draw your own.**

   Bill and Sheri decided to study how many sit-ups athletes who are in top condition can do in two minutes. They wanted to see whether the number of sit-ups done is related to their ages. Bill and Sheri each found 9 athletes to test. **Combine the two sets of data into one table and graph.**

Bill's Data		Sheri's Data	
Age (years)	**Number of sit-ups**	**Age (years)**	**Number of sit-ups**
14.5	95	18	105
17	100	16.5	97
15.5	97	15	90
18	102	14	85
14	93	17.5	99
16.5	99	16	95
15	9	15.5	93
17.5	101	17	99
16	98	14.5	89

Table #1:

Table #2:

Table #3: