

Using the 20 data points from the table on BACK, complete the following examples.

1) Construct a scatterplot of the following. **Be sure to label your axis and use the appropriate scale.**

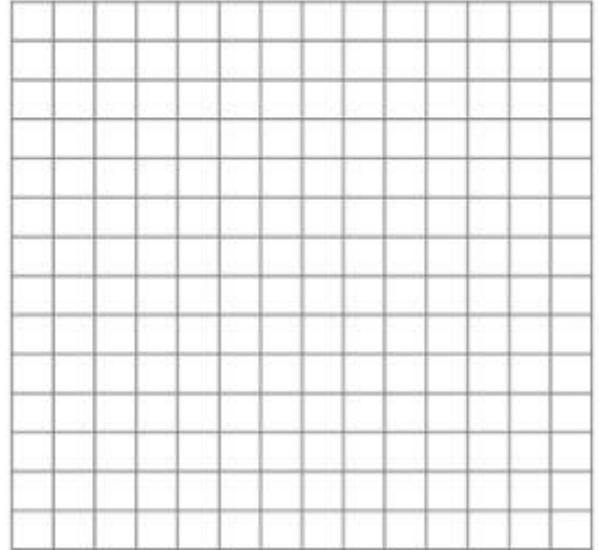
a) **Height vs. wingspan**

Explanatory Variable: \_\_\_\_\_

Response Variable: \_\_\_\_\_

Positive or negative relationship: \_\_\_\_\_

State a conclusion (**in complete sentences**)



b) **Hours Worked vs. Absences**

Explanatory Variable: \_\_\_\_\_

Response Variable: \_\_\_\_\_

Positive or negative relationship: \_\_\_\_\_

State a conclusion (**in complete sentences**)



c) **Sleep vs. Electronics**

Explanatory Variable: \_\_\_\_\_

Response Variable: \_\_\_\_\_

Positive or negative relationship: \_\_\_\_\_

State a conclusion (**in complete sentences**)



HEIGHT (IN)	WING SPAN (IN)	ABSENCES	HRS WORKED	SCREEN TIME	HRS ASLEEP
70	72	0	24	n/a	n/a
72	72	2	0	n/a	n/a
66	69	5	0	n/a	n/a
68	70	5	40	449	6
64	64.5	14	20	360	4
68	66	2	20	235	6
68	66	1	33	300	6
62	64	2	16	215	7
75	75	3	0	120	5
65	61	1	15	264	6
71	70	2	12	n/a	n/a
67	66	0	3	171	5
64	64	2	8	220	6
72	78	3	12	n/a	n/a
65	67	1	0	n/a	n/a
75	75.5	4	0	136	7
69	70.5	0	25	348	7
73	75	6	3	120	5
67	65	0	16	300	6
64	64	3	24	n/a	n/a