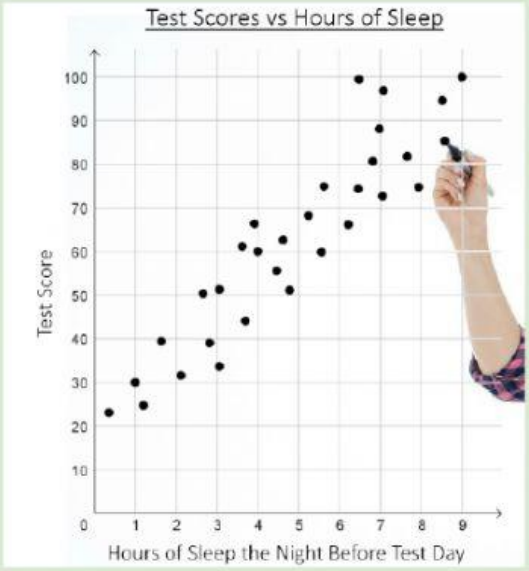
Independent & Dependent Variables

Drag each property to the correct box

- The variable being studied or measured
- Its values are based on the other variable
- Its values are chosen by the experimenter
- Affects or changes the values of the other variable
- Its values depend on the values of the other variable

Independent Variable	Dependent Variable

Match the labels below with the correct axis	Match the labels below with the correct column
	
Independent Variable **Dependent Variable**	**Independent Variable** **Dependent Variable**

Age (Years)	Value ($)
0	45 000
1	36 000
2	32 400
3	29 160
4	26 244
5	23 620
6	21 258

LIVEWORKSHEETS

	If the statement below is true about independent variable write IV in the box **If the statement below is true about dependent variable write DV in the box**
	It is usually found on the vertical axis of a graph
	It is usually found on the horizontal axis of a graph
	It is usually found in the left-hand column of a table of values.
	It is usually found in the right-hand column of a table of values.

Select the correct response for each questions below

Jasmine is calculating her potential earning from her new job. For each hour of work, she earns $28. Using this rate, she determines her earnings for a 30-hour work week. Select the **independent variable** for this situation

earnings	$28	30 hours	# of hours worked

Jasmine is calculating her potential earning from her new job. For each hour of work, she earns $28. Using this rate, she determines her earnings for a 30-hour work week. Select the **slope (rate of change)** for this situation

earnings	$28	30 hours	# of hours worked

Jasmine is calculating her potential earning from her new job. For each hour of work, she earns $28. Using this rate, she determines her earnings for a 30-hour work week. Select the **dependent variable** for this situation

earnings	$28	30 hours	# of hours worked

At the local fair, Yves pays an admission fee plus a cost per ride.

- If Yves goes on 4 rides, he pays a total of $24.
- If Yves goes on 8 rides, he pays a total of $36.What

What is the cost per rides at the fair?

$4.50	**$3.00**	**$12.00**	**$6.00**

LIVEWORKSHEETS