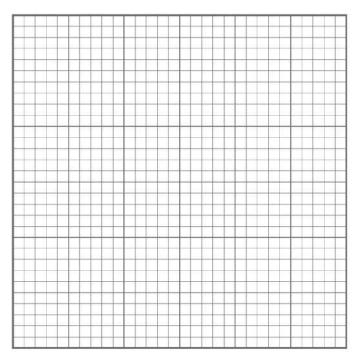
DATE
de tires because the increased area of contact between or force of friction. She hypothesizes that the force of kinetic onal to the area of the object in contact with the surface
en plank and cut the plank into pieces that have different The students also have access to other equipment commonly o.
ld determine the force of kinetic friction exerted on one of th
Procedure:

Block	Α	В	C	D	E
Area [m²]	0.0025	0.0050	0.0075	0.0100	0.0125
Volume [m³]	0.00005	0.00010	0.00015	0.00020	0.00025
Kinetic Friction Force [N]	0.11	0.19	0.31	0.39	0.50

Analyze Data

PART B: On the grid, plot a graph of the data that could be used to test Dominique's SPECIFIC hypothesis. Label both axes with quantities, units, and an appropriate scale. Draw a best-fit line to the data.



PART C:	Does the graph itself support Dominique's hypothesis? Why or why not?
PART D:	Argumentation There was a flaw in the procedure that renders the conclusion invalid. Briefly explain what this flaw was.