

Name: _____ Date: _____ Class: _____

Does Contact Area Matter? Worksheet

Data:

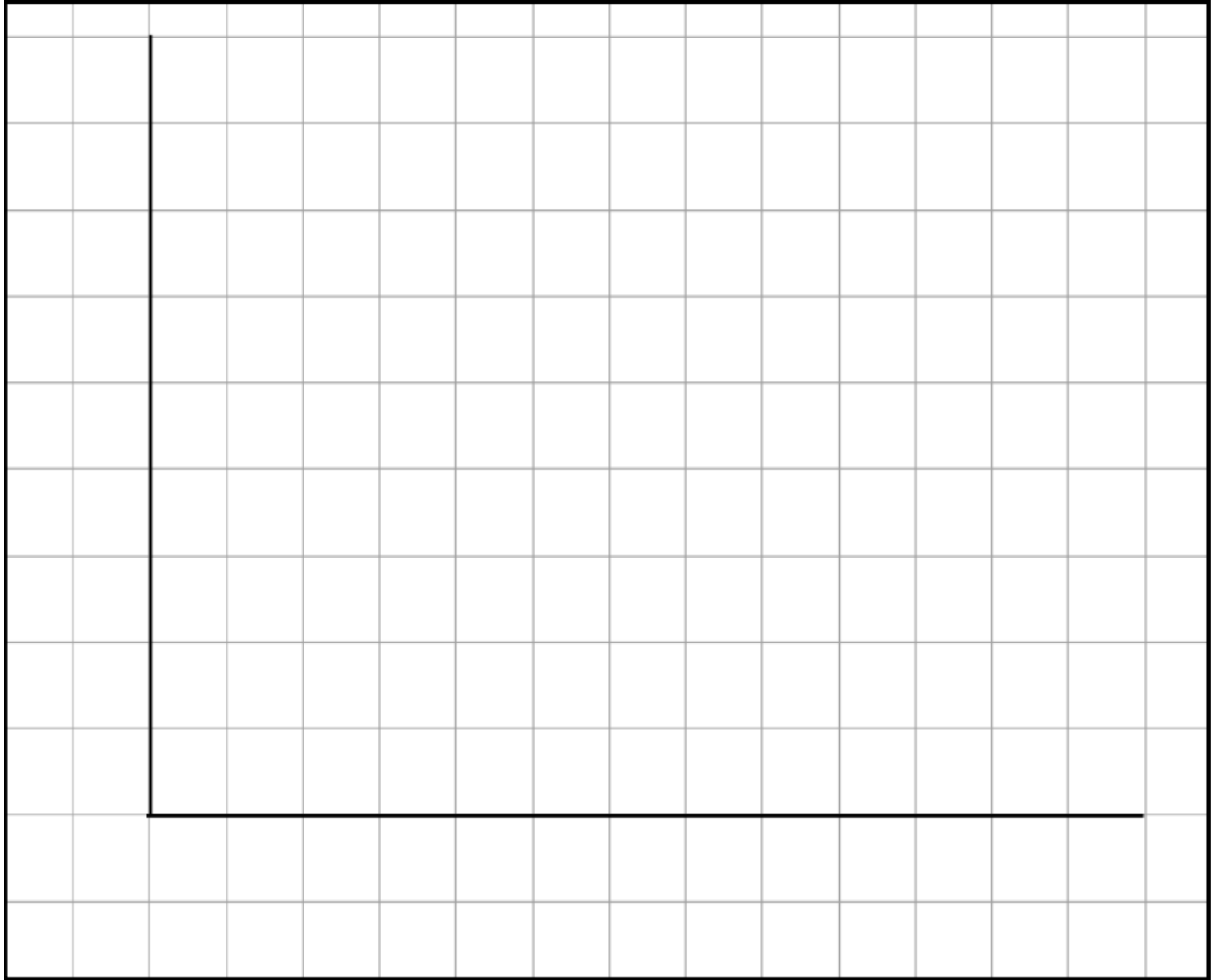
Record your data and results in the table below.

Trial	Contact Material	Contact Area	Static Friction	Kinetic Friction

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Graphing:

Graph the friction force vs. the contact area. Make sure to include the origin, label the axes, and provide a legend if both the static and kinetic friction are shown in one graph.



What patterns do you notice from the graph? What is the relationship between the friction forces and the contact area?