

Cities and Climate Patterns Activity

City	Distance from lake (km)	Average monthly temperature range (°C)	Number of frost-free days per year	Annual precipitation (cm)
A	0.0	7.6	205	73.6
B	1.6	8.8	194	81.4
C	48.3	10.8	162	94.0
D	80.5	11.9	154	97.5

After exploring the data table, let's predict for the following questions:

How does the distance from the lake affect temperature, frost-free days, and precipitation?

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How might these pieces of data investigated in this chart be related to each other?