

Astronomy Ranking Task: Spectral Types

Exercise #1

Description: The table below lists the spectral types for five stars labeled V through Z.

Star	V	W	X	Y	Z
Spectral Type	A5	M7	O9	K2	O0

A. Ranking instructions: Rank the temperatures of the stars.

Ranking Order: Hottest 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ Coolest

Or, there is not enough information to determine the temperatures. _____ (indicate with a check mark)

Carefully explain your reasoning for ranking this way:

B. Ranking instructions: Rank the actual energy outputs of the stars

Ranking Order: Least 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ Most

Or, there is not enough information to determine the energy outputs. _____ (indicate with a check mark)

Carefully explain your reasoning for ranking this way:
