

10	<p>A is the correct answer</p> <p>B is not the correct answer as λ_{max} is less for X, so surface temperature is higher</p> <p>C is not the correct answer as the max intensity of X (hence luminosity) is higher</p> <p>D is not the correct answer as the max intensity of X (hence luminosity) is higher and λ_{max} for X is less, so surface temperature must be higher</p>	(1)
----	--	-----