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In analogy with the thermal conductivity, derive an approximate formula for the viscosity of an ideal gas in terms of its density, mean free path, and average thermal speed. Show explicitly that the viscosity is independent of pressure and proportional to the square root of the temperature.

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Daniel V. Schroeder: An Introduction to Thermal Physics Here are my solutions to various problems in the textbook An Introduction to Thermal Physics, by Daniel V. Schroeder (Addison-Wesley, 2000). Obviously I can't offer any guarantee that all the solutions are actually correct, but I've given them my best shot. After some consideration, I've decided to repost this index to the solutions.

Schroeder: An Introduction to Thermal Physics

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Thermal Physics. The solutions are (almost) complete: I will

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