

Chemistry

Scarsdale Alternative School

Chapter 14: The Behavior of Gases

Essential and Key Questions

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Vocabulary

1. Compressibility
2. Boyle's Law
3. Charles's law
4. Gay-Lussac's law
5. Combined gas law ($\frac{P_i V_i}{T_i} = \frac{P_f V_f}{T_f}$)
6. Ideal gas constant
7. Ideal gas law ($PV=nRT$)
8. Partial pressure
9. Dalton's law of partial
10. Diffusion
11. Effusion
12. Graham's law of effusion

Reading

Pages: 448 - 479

Homework

Page 480-484: 47, 48, 49, 54, 57, 58, 61, 63, 65, 67, 69, 71, 73, 75, 76, 80, 81, 83, 86, 87, 89, 91, 93, 95, 96 (use graphical analysis), 99, 100