

The Physics of Everyday Phenomena - 8th Edition

readings & questions

Chapter 1: Physics, the Fundamental Science

- > read pages: 5 - 6, 11
- > view table: 1.1, 1.3, figure; 1.6
- > conceptual questions: 23
- > exercises: 6, 7, 8

Chapter 2: Describing Motion

- > read pages: 18 - 28
- > view figures: 2.5, 2.6, 2.12
- > conceptual questions: 3, 6, 12, 13, 15, 16, 21
- > exercises: 11, 13

Chapter 3: Falling Objects and Projectile Motion

- > read pages: 39 - 43
- > view figures: 3.7, 3.16, 3.17
- > conceptual questions: 2, 3, 4, 8, 12, 14, 17, 24, 27, 30
- > exercises: 1

Chapter 4: Newton's Laws: Explaining Motion

- > read pages: 60 - 72
- > view figures: 4.5, 4.6, 4.9, 4.10, 4.11, 4.13, 4.14
- > conceptual questions: 3, 10, 14, 15
- > exercises: 1, 4, 8, 10, 11

Chapter 5: Circular Motion, the Planets, and Gravity

- > read pages: 81 - 84, 90 - 93
- > view figures: 5.3, 5.7, 5.15, 5.17, 5.19
- > conceptual questions: 1, 2

Chapter 6: Energy and Oscillations

- > read pages: 103 - 111
- > figures: 6.2, 6.5, 6.9, 6.10, 6.11, 6.13, 6.16
- > conceptual questions: 21, 15, 17, 22, 29
- > exercises: 2, 6, 7, 8, 12, 16

Chapter 7: Momentum and Impulse

- > read pages: 125 - 133
- > figures: 7.3, 7.4, 7.5, 7.10, 7.11, 7.12, 7.13, 7.16
- > conceptual questions: 1, 2, 3, 4, 5, 7, 8, 9, 14, 20, 23, 24
- > exercises: 1, 2, 3, 11, 13

