

1) C. energy — $\frac{\text{kg} \cdot \text{m}^2}{\text{s}^2}$

Physics, Ch 2 #36

2) C. $\frac{\text{mass} \cdot \text{distance}^2}{\text{time}^2}$ and joule

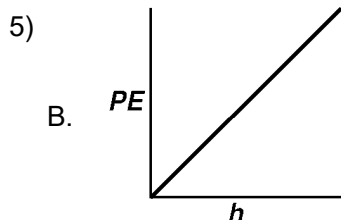
Physics, Ch 2 #38

3) A. 3.0 joules

Physics, Ch 2 #39

4) A. 6-kg mass 5 meters above the floor

Physics, Ch 2 #40



Physics, Ch 2 #41

6) C. remains the same

Physics, Ch 2 #42

7) B. remains the same

Physics, Ch 2 #43

8) D. 500 J

Physics, Ch 2 #44

9) D. 784 J

Physics, Ch 2 #45

10) C. 6.0×10^2 J

Physics, Ch 2 #46

11) C. quadruples

Physics, Ch 2 #48

12) A. quadrupled

Physics, Ch 2 #49