

Exploring Creation with Physics, 2nd Edition – Errata File

This file contains the corrections for the 6th through 17th Printings of the **Solutions and Tests Manual**. The printing for your Textbook and Solutions and Tests Manual might not be the same. Corrections for the Textbook are in a separate file.

Page 22 – In the 2nd line on the page, change 51.23 m to 51.23 cm.

Page 45 – In problem #4 change the two instances of 5.1 in the 3rd line to 5.13. Change the underlined answer to 5.13.

Page 61 – At the end of problem 10, the final underlined answer should say (2.24 hours).

Page 64 – At the end of problem #3, the value inside the square root should be 350 (not 340).

Page 65 – At the end of problem #4, the value inside the square root should be 290 (not 292).

Page 72 – In the last equation for problem #6, remove the negative sign in front of the 18 in the numerator.

Page 128 – In problem #2, $T_{2y} = 9.95$ lbs (not 9.9 lbs). The 9.95 will need to carry through to the 4th equation, so $w = 19.9$ lbs (not 19.8 lbs). The 19.9 also carries through to the next calculations. The final answer is not affected.

Page 145 – In problem #7, the numerator for v_{both} should be 1.15×10^5 , which changes the answer to 83.2 m/sec.

Page 238 – In problem #10, the final answer should be 5.3 m/sec.

Page 280 – At the end of the problem, the last calculation should read:

$$\Delta x = 264 \text{ ft} + -170 \text{ ft} = 90 \text{ ft.}$$

The final underlined answer is 90 ft high.

Page 297 – In problem #5, the 2nd sentence should read: “In an electric field, this occurs...” (change ‘the’ to ‘this’). Change the final underlined answer to directly next to A or B.

Page 301 – Problem #19, in the 2nd diagram, change 7.46 to 7.4 and 10.0 to 10. In the 3rd diagram, change 23.5 to 23.4.

Page 302 – Problem #19 continued – In the equation $I = \frac{P}{R}$ the denominator R should be 23.4Ω and the answer should be 0.513 A. The 0.513 A carries to the last equation, making the final answer 6.16 Watts.