

# ERRATA

## The Cartoon Guide to Algebra

THANKS TO THE SHARP-EYED READERS WHO CAUGHT THESE MISTAKES. FORTUNATELY, VERY FEW ERRORS OCCUR IN THE BODY OF THE BOOK, WHERE EXPLANATIONS ARE MADE. BUT FAR TOO MANY ERRORS OCCUR IN THE SOLUTIONS PROVIDED TO THE PROBLEM SETS!

P. 94. PROBLEMS 4 AND 7 ARE THE SAME.

P. 119. THIRD-FROM-LAST EXAMPLE SHOULD READ  $3^2 3^3 = 3^{2+3} = 3^5 = 243$

P. 168. PROBLEM 5. IN THE DIAGRAM, THE CENTRAL WEIGHT SHOULD BE LABELED 3, NOT 4.

PROBLEM 9. YOU CAN'T BAT .290 WITH 92 AT-BATS. TO AGREE WITH THE SOLUTION (P. 228) OF PROBLEM 10. MOMO'S SECOND HALF SHOULD HAVE 30 HITS IN 100 AT-BATS FOR A SECOND-HALF BATTING AVERAGE OF .300.

P. 177. THE EQUATION AT THE LOWER RIGHT CORNER SHOULD BE  $x^2 + \frac{bx}{a} + \frac{c}{a} = 0$

P. 192. PROBLEM 6 SHOULD SAY "LINE SEGMENT" INSTEAD OF "LINE."

P. 215. PROBLEM 10: IN STEP 6,  $r$  AND  $s$  ARE REVERSED. IT SHOULD SAY

$$r = \frac{b}{2} - p$$

$$s = \frac{b}{2} + p$$

P. 224. CHAPTER 1: 2i. 0.47. IN PROBLEM 6,  $-11/2$  SHOULD BE  $11/2 (= 5\frac{1}{2})$  ON THE PLUS SIDE OF ZERO.  
CHAPTER 2. 1a: 4 (THE CURRENT ANSWER SOMEHOW MIGRATED FROM CHAPTER 3, PROBLEM 1.)

P. 225. CHAPTER 4. 1h: 3 (NOT  $\frac{1}{3}$ )

CHAPTER 6. THE EQUATION SHOULD BE  $2x + \frac{8x}{3} + 9 = 303$

P. 226. CH 7. 12: THE FISH ARE SWITCHED. 3,000 POUNDS OF BASS AND 2,000 POUNDS OF COD.

CH 8. 2d: LINE HAS CORRECT SLOPE, BUT SHOULD INTERCEPT  $y$ -AXIS AT  $y=2$ .

P. 227. CHAPTER 10. 3c:  $\frac{x^2}{b^2}$

P. 228. CHAPTER 13. 4b:  $1,000^2 - 5^2 = 999,975$ . 4c.  $20^2 - 2^2 = 396$ . 9b.  $a^4 - b^2$

$$9d. \frac{x^2}{2} + \frac{7x}{6} + \frac{2}{3} \quad 9n. x^5 - 2x^4 + 2x^3 - 2x^2 + 2x - 1$$

P. 229. CH 14. 1d:  $2 + 4\sqrt{3}$  1n:  $\frac{1}{3}\sqrt{2}$  12c:  $2 - \sqrt{2}$  12e: DENOMINATOR SHOULD BE  $a - b$ .