

Mistakes in OUTSMARTING THE SAT by Elizabeth King (first edition)

Here's the evolving list of flat out mistakes and things that could be improved in OUTSMARTING the SAT. Admittedly there are a few more arguable mistakes that we'll just go ahead and fix next time around that aren't worth getting into here. For starters:

Yes, yes, the bottom of page *vii* and the top of *viii* are the same. We'll fix it!

p. 63 ex. 2 typo: we should choose option B

p. 126 ex. 1 my fault: 3×12 is and always will be 36, not 48.

p. 147 ex. 2 the last line of the explanation should read $r = s^{(8/4)}$ or $r = s^2$. That means that r in terms of s is s^2 .

p. 148 ex. 4 you may have noticed that we solved the problem as though the original read $(ab)^{(-2/3)}$. For the record, if there are no parentheses the exponent only applies to the variable to which it is attached. Very important to understand!

p. 159 Ex. Typo again: $12 / 3$ is always 4, not 6. $x + 2 = 4$

p. 163 Ex. Embarrassing: the work should look like this (I screwed up my multiplication)

$$\begin{aligned}(n-5)(n-5) &= n+4 \\ n^2 - 10n + 25 &= n+4 \\ &\quad -4 \quad -4 \\ n^2 - 10n + 21 &= n \\ &\quad -n \quad -n \\ n^2 - 11n + 21 &= 0\end{aligned}$$

We'll need to change the answer choices to make that one of them!

p. 212 The given problem in paragraph three should be $4 \square 2$; I solved it as though it were.

p, 216 ex. Sorry that A and D are identical. At least they're not claiming to be correct!