

January 20, 2002

To: Readers of the Cartoon Guide to Statistics

From: Larry Gonick and [Woollcott Smith](#)

Subject: Correction to the Cartoon Guide to Statistics

A number of corrections were made in the 5th printing of the Cartoon Guide to Statistics. The following are corrections to errors that have been found after the 5th printing.

Page	Position	In text	Change to
18	Bottom box	$X = 45.8!$	$X = 44.4!$
21	Top: line 4 in Stem-and-Leaf	12: 00012355 555	12: 000123555 55
21	Top right box diagram	left-end of box appears to extend only to 130.	left-end of box should extend to the first quartile, 125 .
40	Bottom	faces sum to three?	faces sum to three (event A)?
47	Bottom	Bayes(1744-1809)	Bayes(1701-1761)
82	Top	$\sigma = np(1-p)$	$\sigma = \sqrt{np(1-p)}$
86	Top	$\sigma = np(1-p) = 2.5$	$\sigma = \sqrt{np(1-p)} = 2.5$
87	Top	hideous	hideous-looking, but easy to use,
107	Middle	$s = \frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2$	$s = \sqrt{\frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2}$
110	Bottom	single observation	single sample
114	Bottom	this is a single observation	this is a single estimate
118	In four different lines	$\sigma(p)$	$\sigma(\hat{p})$
119	Bottom	3% margin of error.	3-percentage- point margin of error.
124	Middle	$\hat{p} + E$	$\hat{p} \pm E$
150	Top	Chapter 8	Chapter 7
171	Top right	$\sqrt{\frac{s_{pool}^2}{n_1} + \frac{s_{pool}^2}{n_2}}$	$\sqrt{\frac{s_{pool}^2}{n_1} + \frac{s_{pool}^2}{n_2}}$
171	Top right	$n_1 - n_2 - 2$	$n_1 + n_2 - 2$
205	Top	$= -200 + 5(76)(2.365)(25.15)$	$= -200 + 5(76)(2.365)(25.15) \sqrt{.3777}$

[Woollcott's Home Page](#)