

**TABLE 5.14****Computations for Calculating the Variance of a Probability Distribution**

1 Number of Items Forgot, $x$	2 Expected Value of the Mean, $\mu$	3 Deviations From Mean, $x - \mu$	4 Squared Deviation From Mean, $(x - \mu)^2$	5 $p$	6 $(x - \mu)^2 p$
0	1.56	-1.56	2.43	.24	0.58
1	1.56	-0.56	0.31	.16	0.05
2	1.56	0.44	0.19	.40	0.08
3	1.56	1.44	2.07	.20	0.41
					$\sigma^2 \approx 1.12$