

Section I Answer Key and Percent Answering Correctly

Calculus AB Part A

Item No.	Correct Answer	Percent Correct by Grade					Total Percent Correct
		5	4	3	2	1	
1	E	99	98	97	94	75	93
2	D	84	62	40	23	12	45
3	E	65	47	37	30	22	41
4	D	96	92	86	79	55	83
5	D	86	72	57	43	23	58
6	C	97	92	85	76	55	82
7	B	95	87	69	42	18	64
8	B	95	84	67	47	22	65
9	A	82	60	40	23	9	44
10	B	98	93	79	61	35	75
11	C	62	46	35	25	14	37
12	E	94	86	76	67	49	76
13	A	96	89	78	65	41	75
14	E	97	92	83	69	39	77
15	D	90	74	55	36	16	56
16	C	86	68	52	40	30	56
17	A	83	58	34	18	11	42
18	A	75	61	52	41	27	52
19	D	69	45	31	23	18	38
20	D	78	53	37	29	26	45
21	A	79	54	31	16	9	39
22	D	80	52	34	22	13	41
23	E	55	35	24	17	12	29
24	C	95	87	68	46	24	66
25	E	94	84	70	51	24	67
26	B	90	76	57	38	20	58
27	B	46	18	9	8	13	18
28	E	72	43	23	11	6	32
29	C	82	62	42	24	12	46
30	A	77	57	43	30	19	46

Diagnostic Guide for the 2003 AP Calculus AB Exam

Part A—No Calculator (Average correct = 15.5)

Question #	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Correct/Incorrect														
Percent of Students Answering Correctly	93	45	41	83	58	82	64	65	44	75	37	76	75	77

Question #	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Correct/Incorrect																
Percent of Students Answering Correctly	56	56	42	52	38	45	39	41	29	66	67	58	18	37	46	46