

AMC 12A/B ITEM DIFFICULTY for AIME Qualifiers

(*) Correct Response
(?) Response the computer was unable to read

2007 AMC 12A Results - Item Difficulty for AIME Qualifiers							
Percent of Responses - 4,802 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0.12	99.71 *	0.04	0.12	0	0
2	0.29	0.19	0.08	99.27 *	0	0.17	0
3	99.71 *	0.06	0.06	0.08	0	0.08	0
4	99.65 *	0.02	0.08	0	0.23	0.02	0
5	0	0.06	0.96	98.81 *	0	0.17	0
6	1.42	0.67	0.33	97.23 *	0.1	0.23	0.02
7	1.42	0.04	96.23 *	0.02	0.12	2.14	0.02
8	0.31	0.42	89.13 *	3.27	2.12	4.75	0
9	0.27	96.31 *	0.06	0.08	2.02	1.25	0
10	89.78 *	0.6	0.12	2.46	0.15	6.89	0
11	7.81	0.83	0.94	75.22 *	0.23	14.95	0.02
12	4.6	1.69	6.25	3.81	60.41 *	23.22	0.02
13	0.33	95.48 *	0.85	1.15	0.1	2.08	0
14	1.17	5.62	89.46 *	0.25	0.1	3.37	0.02
15	1.71	0.52	6.48	1.87	86.21 *	3.21	0
16	12.14	5.89	44.21 *	7.08	1.19	29.4	0.08
17	0.75	63.62 *	0.48	2.58	0.29	32.28	0
18	0.87	0.94	1.46	46.65 *	1.12	48.94	0.02
19	1.15	1.25	4.48	1.5	20.2 *	71.41	0.02
20	3.19	36.73 *	1.65	1.33	1.69	55.41	0
21	35.61 *	1.04	6.58	1.73	3.94	51.1	0
22	3.35	6.87	13.27	10.56 *	0.56	65.31	0.08
23	23.87 *	1.12	3.46	1.62	0.25	69.68	0
24	0.85	1.83	1.54	4.6 *	7.48	83.65	0.04
25	1.29	1.71	1.58	2.04	8.58 *	84.8	0

2007 AMC 12A, Item Difficulty, AIMEQual - Male							
Percent of Responses - 3,539 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0.14	99.63 *	0.06	0.17	0	0
2	0.31	0.2	0.03	99.29 *	0	0.17	0
3	99.77 *	0.03	0.06	0.08	0	0.06	0
4	99.55 *	0.03	0.11	0	0.31	0	0
5	0	0.03	0.65	99.15 *	0	0.17	0
6	1.64	0.71	0.28	97.12 *	0.06	0.2	0
7	1.24	0.03	96.58 *	0.03	0.11	1.98	0.03
8	0.31	0.42	89.94 *	2.83	2.2	4.29	0
9	0.37	96.21 *	0.08	0.11	2.12	1.1	0
10	89.49 *	0.62	0.08	2.6	0.2	7.01	0
11	7.97	0.71	0.9	75.56 *	0.23	14.61	0.03
12	4.78	1.61	6.33	3.81	63.21 *	20.23	0.03
13	0.28	95.71 *	0.88	0.96	0.14	2.03	0
14	1.27	5.88	89.26 *	0.2	0.08	3.28	0.03
15	1.53	0.57	6.44	1.89	86.92 *	2.66	0
16	12.29	5.93	43.12 *	7.52	1.22	29.84	0.08
17	0.82	62.5 *	0.45	2.91	0.34	32.98	0
18	0.73	0.93	1.22	48.54 *	1.02	47.53	0.03
19	1.33	1.3	4.66	1.53	20.23 *	70.92	0.03
20	3.08	37.16 *	1.41	1.38	1.58	55.38	0
21	37.16 *	1.05	6.84	1.64	3.79	49.53	0
22	3.25	6.84	13.34	11.3 *	0.59	64.57	0.11
23	23.96 *	1.16	3.22	1.7	0.31	69.65	0
24	0.9	1.86	1.67	5.06 *	7.97	82.48	0.06
25	1.41	1.67	1.64	2.06	9.3 *	83.92	0

2007 AMC 12A, Item Difficulty, AIMEQual - Female							
Percent of Responses - 910 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0.11	99.89 *	0	0	0	0
2	0.11	0.11	0.11	99.45 *	0	0.22	0
3	99.78 *	0.22	0	0	0	0	0
4	99.89 *	0	0	0	0	0.11	0
5	0	0.11	0.44	99.45 *	0	0	0
6	0.55	0.33	0.33	98.13 *	0.22	0.33	0.11
7	2.42	0.11	94.18 *	0	0	3.3	0
8	0.22	0.33	88.68 *	3.19	1.76	5.82	0
9	0	96.15 *	0	0	1.76	2.09	0
10	90.88 *	0.55	0.11	1.1	0	7.36	0
11	7.91	1.21	1.32	72.75 *	0.11	16.7	0
12	4.18	1.98	5.82	3.3	47.36 *	37.36	0
13	0.66	93.52 *	0.88	2.09	0	2.86	0
14	1.1	4.84	89.34 *	0.11	0.22	4.4	0
15	1.32	0.44	4.73	1.98	87.47 *	4.07	0
16	10.66	5.38	44.51 *	5.6	1.21	32.53	0.11
17	0.77	62.64 *	0.77	1.32	0	34.51	0
18	0.66	1.1	2.64	39.89 *	0.99	54.73	0
19	0.66	0.99	3.63	1.21	12.2 *	81.32	0
20	3.3	31.76 *	1.98	1.43	2.09	59.45	0
21	34.4 *	1.1	6.15	1.65	4.07	52.64	0
22	3.3	5.82	8.13	6.48 *	0.55	75.71	0
23	17.58 *	0.99	3.08	1.43	0.11	76.81	0
24	0.99	1.65	1.1	1.65 *	3.63	90.99	0
25	1.1	1.32	1.21	1.54	4.95 *	89.89	0

2007 12A, Item Difficulty, AIMEQual - Unknown Gender							
Percent of Responses - 353 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0	100 *	0	0	0	0
2	0.57	0.28	0.57	98.58 *	0	0	0
3	98.87 *	0	0.28	0.28	0	0.57	0
4	100 *	0	0	0	0	0	0
5	0	0.28	5.38	93.77 *	0	0.57	0
6	1.42	1.13	0.85	96.03 *	0.28	0.28	0
7	0.57	0	98.02 *	0	0.57	0.85	0
8	0.57	0.57	82.15 *	7.93	2.27	6.52	0
9	0	97.73 *	0	0	1.7	0.57	0
10	89.8 *	0.57	0.57	4.53	0	4.53	0
11	5.95	1.13	0.28	78.19 *	0.57	13.88	0
12	3.97	1.7	6.52	5.1	66.01 *	16.71	0
13	0	98.3 *	0.57	0.57	0	0.57	0
14	0.28	5.1	91.78 *	1.13	0	1.7	0
15	4.53	0.28	11.33	1.42	75.92 *	6.52	0
16	14.45	6.8	54.39 *	6.52	0.85	17	0
17	0	77.34 *	0	2.55	0.57	19.55	0
18	2.83	0.57	0.85	45.04 *	2.55	48.16	0
19	0.57	1.42	4.82	1.98	40.51 *	50.71	0
20	3.97	45.33 *	3.12	0.57	1.7	45.33	0
21	23.23 *	0.85	5.1	2.83	5.1	62.89	0
22	4.53	9.92	25.78	13.6 *	0.28	45.89	0
23	39.09 *	1.13	6.8	1.42	0	51.56	0
24	0	1.98	1.42	7.65 *	12.46	76.49	0
25	0.57	3.12	1.98	3.12	10.76 *	80.45	0

2007 AMC 12B Results - Item Difficulty for AIME Qualifiers							
Percent of Responses - 3,557 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0.03	0.06	0.06	0.45	99.3 *	0.11	0
2	0.06	97.67 *	2.08	0.08	0	0.11	0
3	0.06	0.14	0.06	98.4 *	0.34	1.01	0
4	0.03	99.52 *	0	0.2	0.22	0.03	0
5	0	0.31	0.39	98.93 *	0.37	0	0
6	0	0.17	0.39	99.07 *	0.06	0.31	0
7	0.34	0.08	2.14	0.22	95.53 *	1.69	0
8	1.24	0.87	0.56	96.32 *	0.28	0.73	0
9	97.81 *	0.11	0.11	0.06	0.98	0.93	0
10	0.08	0.22	98.99 *	0.14	0.48	0.08	0
11	0.08	3.94	0.03	95.67 *	0.03	0.25	0
12	0.08	0.03	99.78 *	0.06	0	0.06	0
13	0.28	4.13	2.95	79.93 *	0.31	12.4	0
14	0.84	2.67	2.05	50.04 *	0.22	44.17	0
15	1.12	1.18	0.53	1.29	56.76 *	39.11	0
16	24.77 *	9.02	4.39	2.05	1.01	58.76	0
17	1.21	7.56	1.69	44.64 *	12.09	32.78	0.03
18	0.59	0.34	72.9 *	1.01	0.08	25.05	0.03
19	41.97 *	1.12	1.43	0.98	2.59	51.9	0
20	1.01	2.39	1.97	6.41 *	0.51	87.71	0
21	22.07 *	2.31	1.77	1.38	2.59	69.89	0
22	25.44 *	2.16	2.59	1.18	2.16	66.46	0
23	7.7 *	1.29	1.83	0.79	0.9	87.49	0
24	6.49 *	1.43	0.7	0.65	2.78	87.94	0
25	1.18	1.6	9.64 *	1.74	2.84	82.99	0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Male							
Percent of Responses - 2,658 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0.04	0.08	0.08	0.45	99.25 *	0.11	0
2	0.04	97.67 *	2.07	0.11	0	0.11	0
3	0.04	0.19	0.04	98.27 *	0.38	1.09	0
4	0.04	99.47 *	0	0.23	0.26	0	0
5	0	0.34	0.41	98.83 *	0.41	0	0
6	0	0.15	0.45	99.17 *	0.04	0.19	0
7	0.38	0.04	2.41	0.15	95.49 *	1.54	0
8	1.43	0.87	0.6	96.01 *	0.3	0.79	0
9	97.71 *	0.11	0.11	0.08	1.02	0.98	0
10	0.08	0.3	98.91 *	0.15	0.49	0.08	0
11	0.11	4.44	0.04	95.15 *	0.04	0.23	0
12	0	0.04	99.81 *	0.08	0	0.08	0
13	0.19	3.72	2.41	83.18 *	0.34	10.16	0
14	0.9	2.9	2.07	49.81 *	0.15	44.17	0
15	1.17	1.2	0.49	1.13	58.92 *	37.1	0
16	25.58 *	10.01	4.85	2.07	1.13	56.36	0
17	1.32	7.56	1.77	45.86 *	12	31.45	0.04
18	0.53	0.34	73.89 *	1.02	0.08	24.12	0.04
19	42.36 *	1.28	1.47	1.05	2.6	51.24	0
20	1.09	2.29	2.18	6.77 *	0.6	87.06	0
21	24 *	2.37	1.84	1.47	2.71	67.61	0
22	26.6 *	2.45	2.86	1.2	2.07	64.82	0
23	8.28 *	1.35	2.18	0.9	0.83	86.46	0
24	7.19 *	1.73	0.75	0.79	2.82	86.72	0
25	1.32	1.77	9.59 *	2.11	3.01	82.2	0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Female							
Percent of Responses - 720 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0	0	0.56	99.31 *	0.14	0
2	0	97.64 *	2.22	0	0	0.14	0
3	0.14	0	0.14	98.75 *	0.28	0.69	0
4	0	99.58 *	0	0.14	0.14	0.14	0
5	0	0.28	0.28	99.31 *	0.14	0	0
6							

Mathematical Association of America - American Mathematics Competitions
AMC 12A/B ITEM DIFFICULTY for AIME Qualifiers continued

(*) Correct Response
 (?) Response the computer was unable to read

2007 AMC 12A, Item Difficulty, AIMEQual - Grade 8 and below							
Percent of Responses - 33 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0	100 *	0	0	0	0
2	0	0	0	100 *	0	0	0
3	100 *	0	0	0	0	0	0
4	100 *	0	0	0	0	0	0
5	0	0	0	100 *	0	0	0
6	0	0	3.03	96.97 *	0	0	0
7	0	0	96.97 *	0	0	3.03	0
8	0	0	90.91 *	6.06	0	3.03	0
9	0	100 *	0	0	0	0	0
10	87.88 *	0	0	3.03	0	9.09	0
11	9.09	0	0	72.73 *	0	18.18	0
12	0	0	3.03	12.12	72.73 *	12.12	0
13	0	90.91 *	0	0	0	9.09	0
14	3.03	9.09	87.88 *	0	0	0	0
15	3.03	0	15.15	0	78.79 *	3.03	0
16	15.15	12.12	45.45 *	12.12	0	15.15	0
17	3.03	51.52 *	0	3.03	0	42.42	0
18	6.06	3.03	0	51.52 *	0	39.39	0
19	0	3.03	9.09	3.03	24.24 *	60.61	0
20	6.06	45.45 *	3.03	0	3.03	42.42	0
21	60.61 *	0	0	3.03	0	36.36	0
22	3.03	15.15	21.21	21.21 *	0	39.39	0
23	18.18 *	0	0	0	0	81.82	0
24	0	0	0	3.03 *	18.18	78.79	0
25	3.03	3.03	0	6.06	15.15 *	72.73	0

2007 AMC 12A, Item Difficulty, AIMEQual - Grade 9							
Percent of Responses - 109 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0	100 *	0	0	0	0
2	0	0.92	0	98.17 *	0	0.92	0
3	99.08 *	0	0.92	0	0	0	0
4	99.08 *	0	0	0	0.92	0	0
5	0	0	1.83	98.17 *	0	0	0
6	1.83	2.75	0	95.41 *	0	0	0
7	0.92	0	96.33 *	0	0	2.75	0
8	0	0.92	87.16 *	4.59	0	7.34	0
9	0	99.08 *	0	0	0.92	0	0
10	91.74 *	0	0	2.75	0	5.5	0
11	3.67	0.92	0.92	87.16 *	0	7.34	0
12	4.59	1.83	3.67	3.67	74.31 *	11.93	0
13	0.92	86.24 *	1.83	4.59	0.92	5.5	0
14	0	6.42	92.66 *	0	0	0.92	0
15	0	0.92	7.34	0	87.16 *	4.59	0
16	10.09	1.83	57.8 *	10.09	1.83	18.35	0
17	1.83	58.72 *	0	0	0	39.45	0
18	0	0	2.75	44.95 *	2.75	49.54	0
19	0.92	2.75	3.67	3.67	25.69 *	63.3	0
20	0.92	39.45 *	0.92	0	2.75	55.96	0
21	36.7 *	0.92	2.75	0	0.92	58.72	0
22	0.92	6.42	12.84	17.43 *	0.92	61.47	0
23	30.28 *	1.83	1.83	0	0.92	65.14	0
24	0.92	1.83	0.92	0.92 *	13.76	81.65	0
25	0.92	0.92	1.83	0.92	18.35 *	77.06	0

2007 AMC 12A, Item Difficulty, AIMEQual - Grade 10							
Percent of Responses - 347 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0	100 *	0	0	0	0
2	0	0	0.29	99.71 *	0	0	0
3	99.71 *	0	0	0	0	0.29	0
4	100 *	0	0	0	0	0	0
5	0	0	0.58	99.42 *	0	0	0
6	2.02	0.58	1.15	95.97 *	0	0.29	0
7	1.44	0	94.81 *	0	0	3.75	0
8	0.29	0.58	91.35 *	2.31	1.44	4.03	0
9	0	95.1 *	0.29	0	1.73	2.88	0
10	89.34 *	0.29	0	3.17	0.29	6.92	0
11	5.19	0.29	0.29	82.42 *	0	11.82	0
12	5.19	0.86	4.03	2.31	68.3 *	19.31	0
13	0	96.54 *	0.86	1.15	0	1.44	0
14	0.86	5.48	89.63 *	0	0	4.03	0
15	0.29	1.15	10.09	1.44	84.44 *	2.59	0
16	12.97	4.61	51.3 *	7.49	1.15	22.48	0
17	0	55.04 *	0.58	4.03	0.58	39.77	0
18	0	0.29	1.15	42.94 *	0.58	55.04	0
19	0.29	1.15	2.88	0.58	18.16 *	76.95	0
20	3.17	33.43 *	1.15	1.73	0.86	59.65	0
21	39.19 *	0.86	8.65	1.44	2.59	47.26	0
22	2.31	9.8	16.43	8.93 *	0.86	61.67	0
23	20.75 *	1.44	1.15	0.58	0.29	75.79	0
24	0.86	1.73	1.73	4.9 *	8.36	82.42	0
25	0.86	1.44	0.86	1.15	11.53 *	84.15	0

2007 AMC 12A, Item Difficulty, AIMEQual - Grade 11							
Percent of Responses - 1,240 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0.08	99.68 *	0	0.24	0	0
2	0.32	0.08	0	99.6 *	0	0	0
3	99.92 *	0	0	0.08	0	0	0
4	99.6 *	0	0.08	0	0.24	0.08	0
5	0	0	0.65	99.27 *	0	0.08	0
6	1.45	0.48	0.16	97.5 *	0.16	0.24	0
7	2.02	0.16	95 *	0.08	0.16	2.58	0
8	0.32	0.08	90 *	3.95	1.94	3.71	0
9	0.4	95.56 *	0.08	0.08	2.26	1.61	0
10	89.27 *	0.56	0.08	2.18	0.08	7.82	0
11	6.13	0.56	0.4	79.76 *	0.16	12.98	0
12	4.35	1.05	4.84	4.03	69.27 *	16.45	0
13	0.4	95.4 *	0.81	1.21	0.16	2.02	0
14	1.37	5	89.68 *	0	0	3.95	0
15	0.81	0.32	4.84	1.45	89.6 *	2.98	0
16	11.29	5.89	47.02 *	8.39	1.45	25.97	0
17	0.73	53.71 *	0.56	3.47	0.32	41.21	0
18	0.81	0.81	1.45	39.68 *	0.97	56.29	0
19	0.73	1.21	2.98	1.29	18.06 *	75.73	0
20	2.42	30 *	1.29	1.13	1.37	63.79	0
21	29.27 *	1.21	7.42	1.53	3.63	56.94	0
22	2.9	6.37	13.31	11.29 *	0.4	65.73	0
23	21.77 *	0.48	2.5	1.61	0.16	73.47	0
24	0.89	1.53	0.65	5.24 *	6.61	85.08	0
25	0.81	1.53	1.21	1.45	8.23 *	86.77	0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Grade 8 and below							
Percent of Responses - 90 Students							
ITEM	A	B	C	D	E	OMITS	?
1	1.11	1.11	0	0	97.78 *	0	0
2	0	97.78 *	1.11	1.11	0	0	0
3	0	0	0	98.89 *	0	1.11	0
4	0	96.67 *	0	1.11	2.22	0	0
5	0	1.11	0	98.89 *	0	0	0
6	0	0	0	100 *	0	0	0
7	0	0	1.11	1.11	97.78 *	0	0
8	2.22	0	1.11	95.56 *	1.11	0	0
9	98.89 *	1.11	0	0	0	0	0
10	0	0	100 *	0	0	0	0
11	0	3.33	1.11	95.56 *	0	0	0
12	0	0	98.89 *	1.11	0	0	0
13	0	4.44	3.33	85.56 *	0	6.67	0
14	1.11	2.22	1.11	58.89 *	0	36.67	0
15	2.22	2.22	2.22	3.33	54.44 *	35.56	0
16	32.22 *	13.33	10	2.22	2.22	40	0
17	2.22	8.89	5.56	36.67 *	15.56	31.11	0
18	2.22	0	82.22 *	2.22	0	13.33	0
19	48.89 *	0	2.22	1.11	4.44	43.33	0
20	2.22	5.56	4.44	10 *	0	77.78	0
21	35.56 *	3.33	3.33	3.33	3.33	51.11	0
22	36.67 *	6.67	3.33	1.11	2.22	50	0
23	22.22 *	2.22	2.22	0	0	73.33	0
24	14.44 *	0	0	1.11	5.56	78.89	0
25	2.22	3.33	15.56 *	2.22	4.44	72.22	0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Grade 9							
Percent of Responses - 194 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0	0.52	0.52	98.97 *	0	0
2	0	98.45 *	1.03	0.52	0	0	0
3	0	0.52	0	98.97 *	0.52	0	0
4	0	100 *	0	0	0	0	0
5	0	0.52	0	99.48 *	0	0	0
6	0	0	0.52	98.97 *	0	0.52	0
7	0	0	2.58	0	97.42 *	0	0
8	2.06	1.03	0	96.39 *	0.52	0	0
9	98.97 *	0	0	0	0.52	0.52	0
10	0	1.03	97.94 *	0	1.03	0	0
11	0.52	3.61	0	95.36 *	0	0.52	0
12	0	0	100 *	0	0	0	0
13	1.03	3.61	2.06	85.57 *	0.52	7.22	0
14	0.52	1.55	2.58	53.61 *	0.52	41.24	0
15	1.03	1.55	0	1.03	57.22 *	39.18	0
16	26.8 *	10.82	5.15	1.55	2.58	53.09	0
17	3.09	10.31	2.06	40.21 *	11.86	31.96	0.52
18	1.03	0	76.8 *	0.52	0	21.13	0.52
19	39.69 *	0.52	1.55	1.55	3.61	53.09	0
20	1.55	2.06	1.55	6.7 *	1.03	87.11	0
21	35.05 *	2.06	3.61	0	3.09	56.19	0
22	27.84 *	2.06	3.09	1.03	2.06	63.92	0
23	13.4 *	3.09	1.03	0.52	1.03	80.93	0
24	9.28 *	2.06	0	0.52	7.22	80.93	0
25	0	2.06	8.25 *	2.58	2.06	85.05	0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Grade 10							
Percent of Responses - 421 Students							
ITEM	A	B	C	D	E	OMITS	?
1	0	0.24	0	0.24	99.29 *	0.24	0
2	0	98.81 *	0.95	0.24	0	0	0
3	0.24	0	0.24	97.62 *	0.48	1.43	0
4	0.24	99.52 *	0	0	0.24	0	0
5	0	0.48	0.71	98.34 *	0.48	0	0
6	0	0.24	0.24	99.52 *	0	0	0
7	0.71	0.24	0.95	0	97.39 *	0.71	0
8	0.48	1.66	0.24	96.91 *	0.24	0.48	0
9	97.86 *	0.24	0	0	0.71	1.19	0
10	0	0.24	99.52 *	0	0.24	0	0
11	0	5.46	0	94.3 *	0	0.24	0
12	0	0	99.76 *	0	0	0.24	0
13	0	3.33	3.33	79.33 *	0.48	13.54	0
14	0.71	1.66	1.66	56.77 *	0	39.19	0
15	1.19	0.					

AMC 12A/B ITEM DIFFICULTY for AIME Qualifiers continued

(*) Correct Response
 (?) Response the computer was unable to read

2007 AMC 12A, Item Difficulty, AIMEQual - Grade 12						
Percent of Responses - 1,518 Students						
ITEM	A	B	C	D	E	OMITS ?
1	0	0.26	99.47 *	0.07	0.2	0 0
2	0.2	0.13	0.07	99.41 *	0	0.2 0
3	99.87 *	0.07	0	0.07	0	0 0
4	99.8 *	0.07	0.07	0	0.07	0 0
5	0	0	0.53	99.28 *	0	0.2 0
6	1.65	0.53	0.26	97.36 *	0.07	0.13 0
7	2.17	0	94.2 *	0	0.13	3.49 0
8	0.2	0.26	90.12 *	2.44	2.17	4.81 0
9	0.26	96.31 *	0.07	0	2.11	1.25 0
10	88.67 *	0.86	0	1.58	0	8.89 0
11	6.32	0.72	0.2	78.99 *	0.07	13.7 0
12	3.36	0.79	5.2	3.03	71.94 *	15.68 0
13	0.26	96.44 *	0.33	0.99	0	1.98 0
14	1.71	3.82	90.91 *	0.33	0	3.23 0
15	1.05	0.4	6.85	1.71	86.82 *	3.16 0
16	11.86	4.68	46.71 *	7.71	0.66	28.39 0
17	1.12	54.41 *	0.46	2.24	0.53	41.24 0
18	0.86	1.19	1.98	37.68 *	0.59	57.71 0
19	0.59	0.59	4.08	1.05	16.6 *	77.08 0
20	3.03	27.8 *	1.78	1.12	1.32	64.95 0
21	27.34 *	1.25	6.65	1.38	3.29	60.08 0
22	2.9	5.53	11.2	11.73 *	0.4	68.25 0
23	20.42 *	1.19	2.31	1.38	0.2	74.51 0
24	0.99	1.12	0.59	5.6 *	6.85	84.85 0
25	1.19	0.66	1.12	1.52	8.7 *	86.82 0

2007 AMC 12A, Item Difficulty, AIMEQual - Grade 13						
Percent of Responses - 12 Students						
ITEM	A	B	C	D	E	OMITS ?
1	0	0	100 *	0	0	0 0
2	0	0	0	100 *	0	0 0
3	100 *	0	0	0	0	0 0
4	100 *	0	0	0	0	0 0
5	0	0	0	100 *	0	0 0
6	0	0	0	100 *	0	0 0
7	0	0	100 *	0	0	0 0
8	0	0	100 *	0	0	0 0
9	8.33	91.67 *	0	0	0	0 0
10	91.67 *	0	0	0	0	8.33 0
11	0	0	0	91.67 *	0	8.33 0
12	8.33	0	8.33	8.33	75 *	0 0
13	0	100 *	0	0	0	0 0
14	8.33	16.67	75 *	0	0	0 0
15	8.33	0	8.33	8.33	75 *	0 0
16	0	33.33	41.67 *	0	0	25 0
17	0	75 *	0	8.33	0	16.67 0
18	0	0	0	50 *	0	50 0
19	0	0	16.67	0	8.33 *	75 0
20	0	50 *	0	0	0	50 0
21	25 *	0	0	0	0	75 0
22	0	16.67	16.67	0 *	0	66.67 0
23	25 *	0	0	0	0	75 0
24	0	0	0	8.33 *	0	91.67 0
25	0	8.33	0	8.33	8.33 *	75 0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Grade 12						
Percent of Responses - 1,362 Students						
ITEM	A	B	C	D	E	OMITS ?
1	0	0	0	0.51	99.34 *	0.15 0
2	0	97.8 *	2.13	0	0	0.07 0
3	0.07	0	0.07	98.16 *	0.37	1.32 0
4	0	99.63 *	0	0.15	0.22	0 0
5	0	0.37	0.44	98.83 *	0.37	0 0
6	0	0.22	0.59	98.75 *	0	0.44 0
7	0.37	0.07	2.64	0.07	94.86 *	1.98 0
8	1.1	1.47	0.66	95.74 *	0.29	0.73 0
9	97.58 *	0.07	0.07	0.15	1.1	1.03 0
10	0.07	0.15	99.12 *	0.15	0.37	0.15 0
11	0.15	3.96	0	95.67 *	0.07	0.15 0
12	0.22	0	99.78 *	0	0	0 0
13	0.29	4.04	2.28	81.86 *	0.44	11.09 0
14	0.95	2.86	1.91	46.4 *	0.29	47.58 0
15	1.03	0.88	0.66	1.03	56.68 *	39.72 0
16	22.17 *	8.74	3.89	2.35	0.95	61.89 0
17	1.32	7.34	1.32	44.35 *	11.53	34.14 0
18	0.59	0.51	72.54 *	0.88	0.22	25.26 0
19	42.73 *	1.17	1.47	0.95	2.79	50.88 0
20	0.95	2.28	1.91	6.24 *	0.59	88.03 0
21	20.12 *	2.2	1.47	1.91	2.42	71.88 0
22	25.18 *	2.2	2.5	1.47	1.4	67.25 0
23	6.61 *	1.47	2.2	0.81	1.17	87.74 0
24	6.24 *	1.62	0.73	0.73	2.13	88.55 0
25	1.25	1.69	9.54 *	1.54	2.79	83.19 0

2007 AMC 12B Results, Item Difficulty, AIMEQual - Grade 13						
Percent of Responses - 19 Students						
ITEM	A	B	C	D	E	OMITS ?
1	0	0	0	0	100 *	0 0
2	0	94.74 *	5.26	0	0	0 0
3	0	0	0	100 *	0	0 0
4	0	89.47 *	0	10.53	0	0 0
5	0	0	0	100 *	0	0 0
6	0	0	0	100 *	0	0 0
7	0	0	0	0	100 *	0 0
8	0	0	0	100 *	0	0 0
9	94.74 *	5.26	0	0	0	0 0
10	0	0	100 *	0	0	0 0
11	0	0	0	100 *	0	0 0
12	0	0	100 *	0	0	0 0
13	0	0	5.26	89.47 *	0	5.26 0
14	0	0	0	63.16 *	0	36.84 0
15	0	0	0	0	68.42 *	31.58 0
16	36.84 *	10.53	0	5.26	0	47.37 0
17	0	0	5.26	36.84 *	26.32	31.58 0
18	0	0	42.11 *	5.26	0	52.63 0
19	21.05 *	10.53	0	0	0	68.42 0
20	0	5.26	0	10.53 *	0	84.21 0
21	15.79 *	0	0	0	5.26	78.95 0
22	15.79 *	5.26	5.26	0	0	73.68 0
23	5.26 *	5.26	0	0	0	89.47 0
24	5.26 *	5.26	0	0	0	89.47 0
25	0	5.26	5.26 *	0	0	89.47 0