Sample School

PATMaths: Test 6

Answer Patterns

Date: 05 June 2013

ACER

Australian Council *for* Educational Research

PATMaths Answer Patterns
(Percentage of students choosing each option)

Sample School

Year 9

All

Item	Invalid	A	B	C	D	E
1	3%	20%	3%	**73%**	0%	0%
2	7%	13%	3%	7%	**70%**	0%
3	3%	0%	3%	0%	3%	**90%**
4	13%	3%	**67%**	7%	10%	0%
5	3%	**77%**	3%	0%	17%	0%
6	3%	0%	**67%**	10%	0%	20%
7	0%	47%	**37%**	13%	3%	0%
8	3%	20%	3%	13%	**60%**	0%
9	0%	7%	0%	3%	**43%**	47%
10	7%	17%	**67%**	3%	7%	0%
11	7%	**73%**	3%	10%	7%	0%
12	0%	**77%**	10%	0%	7%	7%
13	10%	7%	**67%**	7%	7%	3%
14	0%	**67%**	7%	10%	7%	10%
15	7%	**50%**	7%	3%	33%	0%
16	3%	10%	3%	**80%**	3%	0%
17	3%	10%	7%	7%	13%	**60%**
18	3%	10%	33%	7%	**47%**	0%
19	3%	**70%**	13%	3%	0%	10%
20	3%	20%	10%	10%	**57%**	0%
21	3%	**60%**	10%	7%	7%	13%

Boys

Item	Invalid	A	B	C	D	E
1	0%	5%	5%	**90%**	0%	0%
2	10%	10%	0%	10%	**70%**	0%
3	5%	0%	0%	0%	5%	**90%**
4	15%	5%	**65%**	5%	10%	0%
5	0%	**80%**	0%	0%	15%	0%
6	5%	0%	**65%**	10%	0%	20%
7	0%	40%	**40%**	20%	0%	0%
8	5%	10%	5%	10%	**70%**	0%
9	0%	5%	0%	5%	**45%**	45%
10	5%	20%	**70%**	0%	5%	0%
11	10%	**80%**	0%	5%	5%	0%
12	0%	**65%**	15%	0%	10%	10%
13	5%	10%	**80%**	5%	0%	0%
14	0%	**70%**	10%	15%	0%	5%
15	0%	**55%**	5%	0%	40%	0%
16	5%	15%	5%	**75%**	0%	0%
17	5%	5%	10%	0%	10%	**70%**
18	0%	5%	35%	5%	**55%**	0%
19	0%	**80%**	10%	5%	0%	5%
20	5%	15%	10%	5%	**65%**	0%
21	5%	**55%**	15%	5%	5%	15%

Girls

Item	Invalid	A	B	C	D	E
1	10%	50%	0%	**40%**	0%	0%
2	0%	20%	10%	0%	**70%**	0%
3	0%	0%	10%	0%	0%	**90%**
4	10%	0%	**70%**	10%	10%	0%
5	0%	**70%**	10%	0%	20%	0%
6	0%	0%	**70%**	10%	0%	20%
7	0%	60%	**30%**	0%	10%	0%
8	0%	40%	0%	20%	**40%**	0%
9	0%	10%	0%	0%	**40%**	50%
10	10%	10%	**60%**	10%	10%	0%
11	0%	**60%**	10%	20%	10%	0%
12	0%	**100%**	0%	0%	0%	0%
13	20%	0%	**40%**	10%	10%	20%
14	0%	**60%**	0%	0%	20%	20%
15	20%	**40%**	10%	10%	20%	0%
16	0%	0%	0%	**90%**	10%	0%
17	0%	20%	0%	20%	20%	**40%**
18	10%	20%	30%	10%	**30%**	0%
19	10%	**50%**	20%	0%	0%	20%
20	0%	30%	10%	20%	**40%**	0%
21	0%	**70%**	0%	10%	10%	10%

Each row shows the percentage of students selecting each of the multiple-choice options, A, B, C, D or E.
The percentage in the box is the correct option.

05 June 2013

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PATMaths Answer Patterns
(Percentage of students choosing each option)

Test 6

Item	All						Boys						Girls					
	Invalid	A	B	C	D	E	Invalid	A	B	C	D	E	Invalid	A	B	C	D	E
22	0%	3%	0%	[53%]	40%	3%	0%	5%	0%	[55%]	40%	0%	0%	0%	0%	[50%]	40%	10%
23	3%	3%	17%	[60%]	10%	7%	5%	0%	10%	[65%]	15%	5%	0%	10%	30%	[50%]	0%	10%
24	0%	0%	[73%]	3%	23%	0%	0%	0%	[75%]	5%	20%	0%	0%	0%	[70%]	0%	30%	0%
25	7%	7%	[50%]	7%	27%	3%	5%	10%	[40%]	5%	35%	5%	10%	0%	[70%]	10%	10%	0%
26	3%	3%	10%	3%	[80%]	0%	0%	5%	15%	0%	[80%]	0%	10%	0%	0%	10%	[80%]	0%
27	3%	3%	13%	[73%]	3%	3%	5%	0%	10%	[75%]	5%	5%	0%	10%	20%	[70%]	0%	0%
28	0%	0%	10%	[80%]	7%	3%	0%	0%	15%	[75%]	5%	5%	0%	0%	0%	[90%]	10%	0%
29	10%	13%	[50%]	10%	10%	7%	15%	15%	[50%]	5%	5%	10%	0%	10%	[50%]	20%	20%	0%
30	3%	3%	3%	10%	17%	[63%]	5%	0%	5%	5%	20%	[65%]	0%	10%	0%	20%	10%	[60%]
31	0%	10%	17%	7%	3%	[63%]	0%	5%	20%	10%	5%	[60%]	0%	20%	10%	0%	0%	[70%]
32	3%	10%	[67%]	3%	7%	10%	0%	10%	[75%]	0%	5%	10%	10%	10%	[50%]	10%	10%	10%
33	7%	3%	[80%]	0%	7%	3%	5%	0%	[85%]	0%	5%	5%	10%	10%	[70%]	0%	10%	0%
34	13%	17%	10%	[57%]	3%	0%	15%	25%	5%	[50%]	5%	0%	10%	0%	20%	[70%]	0%	0%
35	3%	7%	[53%]	27%	3%	7%	5%	5%	[60%]	25%	0%	5%	0%	10%	[40%]	30%	10%	10%
36	7%	7%	17%	13%	3%	[53%]	5%	10%	20%	10%	0%	[55%]	10%	0%	10%	20%	10%	[50%]
37	0%	7%	10%	30%	[53%]	0%	0%	5%	5%	30%	[60%]	0%	0%	10%	20%	30%	[40%]	0%
38	0%	0%	10%	[50%]	30%	10%	0%	0%	5%	[55%]	30%	10%	0%	0%	20%	[40%]	30%	10%
39	3%	3%	3%	27%	[63%]	0%	0%	0%	5%	30%	[65%]	0%	10%	10%	0%	20%	[60%]	0%
40	3%	13%	0%	17%	7%	[60%]	0%	10%	0%	20%	5%	[65%]	10%	20%	0%	10%	10%	[50%]

Each row shows the percentage of students selecting each of the multiple-choice options, A, B, C, D or E.
The percentage in the box is the correct option.

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