

Item-by-Objective Analysis Table  
One-on-One Pretest

Objectives	1		2					3	4				5			6	Items		Objectives		
	4	12	2	5	6	7	9	11	16	1	3	13	14	8	10	15	16	#	%	#	%
Student 1	X	X		X	X		X	X			X			X				8	50	2	33
Student 2	X	X	X	X	X	X	X	X			X	X			X	X		12	75	2	33
Student 3	X	X		X	X	X	X				X				X	X		9	56	2	33
# Students Correct	3	3	3	3	3	2	3	2	0	0	2	2	0	0	3	2	0				
% Students Correct	100	100	33	100	100	67	100	67	0	0	67	67	0	0	100	67	0				
% Mastering Objectives	100		100					0	0				0			0					

Item-by-Objective Analysis Table  
One-on-One Posttest

Objectives	1		2				3	4				5		6	Items		Objectives	
	4	10	2	5	7	9	13	1	11	12	3	6	8	13	#	%	#	%
Student 1			X	X	X	X	X	X				X	X	X	8	62	2	33
Student 2	X	X	X	X	X	X	X					X		X	8	62	3	50
Student 3	X	X	X	X	X	X	X			X		X		X	9	69	3	50
# Students Correct	2	2	3	3	3	3	3	1	0	1	0	3	1	3				
% Students Correct	67	67	100	100	100	100	100	33	0	33	0	33	33	33				
% Mastering Objectives	67		100				100	0				33		100				

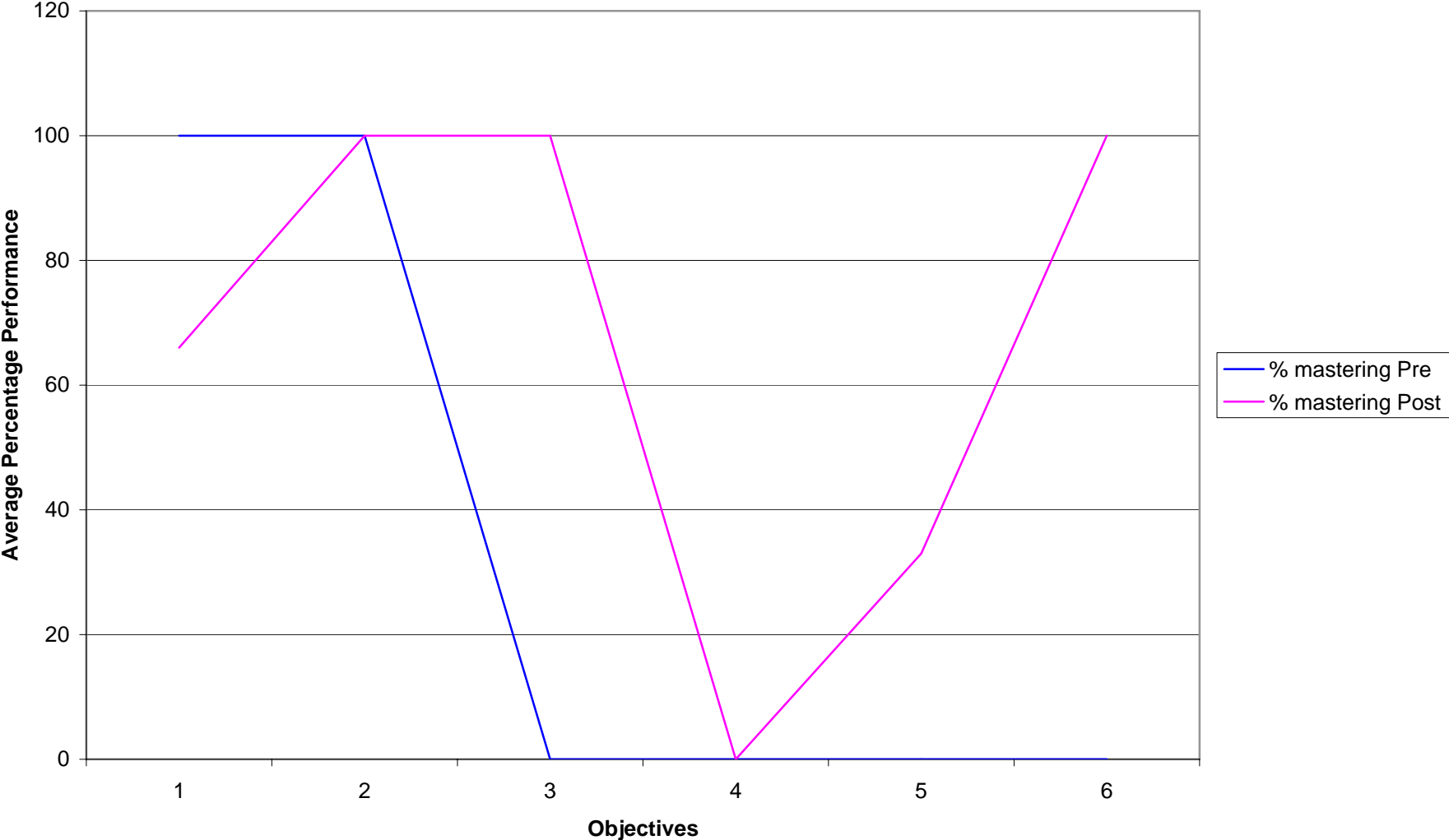
X stands for a correct item

Student Performance on the Pretest and Posttest by Objective

<b>Objectives</b>	<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>		<b>5</b>		<b>6</b>	
<b>Test</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>
<b>Student 1</b>	X		X	X		X				X		X
<b>Student 2</b>	X	X	X	X		X						X
<b>Student 3</b>	X	X	X	X		X						X
<b>% Mastering</b>	<b>100</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>100</b>
<b>Difference</b>	<b>-33</b>		<b>0</b>		<b>100</b>		<b>0</b>		<b>33</b>		<b>100</b>	

PR = pretest; PS = posttest; X = mastered

### Average Performance by Objective One-on-One



Item-by-Objective Analysis Table  
Small Group Pretest

Objectives	1		2						3	4				5			6	Items		Objectives	
	4	12	2	5	6	7	9	11	16	1	3	13	14	8	10	15	16	#	%	#	%
Student 1	X	X	X	X	X		X	X			X	X						9	56	2	33
Student 2			X	X			X	X			X		X		X	X		8	50	1	17
Student 3	X	X	X	X	X	X	X	X		X	X		X	X	X	X		14	88	4	67
Student 4		X	X		X	X	X				X	X		X				8	50	1	17
Student 5	X	X	X	X	X	X	X	X					X	X	X			11	69	2	33
Student 6	X	X	X	X	X	X	X	X			X		X	X	X	X		13	81	3	50
Student 7	X	X		X	X	X	X	X			X			X	X	X		11	69	3	50
Student 8		X	X	X	X	X	X	X			X			X	X			10	63	1	17
Student 9	X	X	X	X	X	X	X				X		X	X	X	X		12	75	3	50
Student 10		X		X	X		X	X			X		X					7	44	1	17
Student 11			X		X	X	X	X		X	X	X	X		X	X		11	69	2	33
Student 12	X		X	X	X	X								X				6	38	1	17
Student 13	X	X	X	X	X	X	X	X			X		X		X	X		12	75	2	33
# Students Correct	8	10	11	11	12	10	12	10	0	2	11	3	8	8	9	7	0				
% Students Correct	62	77	85	85	92	77	92	77	0	15	85	15	62	62	69	54	0				
% Mastering Objectives	54		100						0	8				31			0				

X stands for correct item

Item-by-Objective Analysis Table  
Small Group Posttest

Objectives	1		2				3	4				5		6	Items		Objectives	
	4	10	2	5	7	9	13	1	11	12	3	6	8	13	#	%	#	%
Student 1	X	X	X	X	X	X	X	X		X	X	X	X	X	12	92	6	100
Student 2			X	X	X	X			X	X	X	X	X		9	69	3	50
Student 3	X	X	X	X	X	X				X		X	X		9	69	3	50
Student 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13	100	6	100
Student 5	X	X	X	X	X	X		X	X	X	X	X	X		12	92	4	67
Student 6	X	X	X	X	X	X	X			X	X	X	X	X	11	85	4	67
Student 7			X	X	X	X				X	X	X			7	54	1	17
Student 8	X	X	X	X	X	X				X	X	X	X		10	77	3	50
Student 9	X	X	X	X	X	X		X	X		X	X	X		11	85	4	67
Student 10			X	X		X	X			X		X	X	X	7	54	4	67
Student 11	X	X	X	X	X	X	X	X			X	X	X	X	11	85	5	83
Student 12	X	X	X	X	X	X			X			X	X		9	69	3	50
Student 13	X	X	X	X	X	X	X	X				X	X	X	10	77	5	83
# Students Correct	10	10	13	13	12	13	6	6	5	9	9	13	12	6				
% Students Correct	77	77	100	100	92	100	46	46	38	69	69	100	92	46				
% Mastering Objectives	77		92				46	15				92		46				

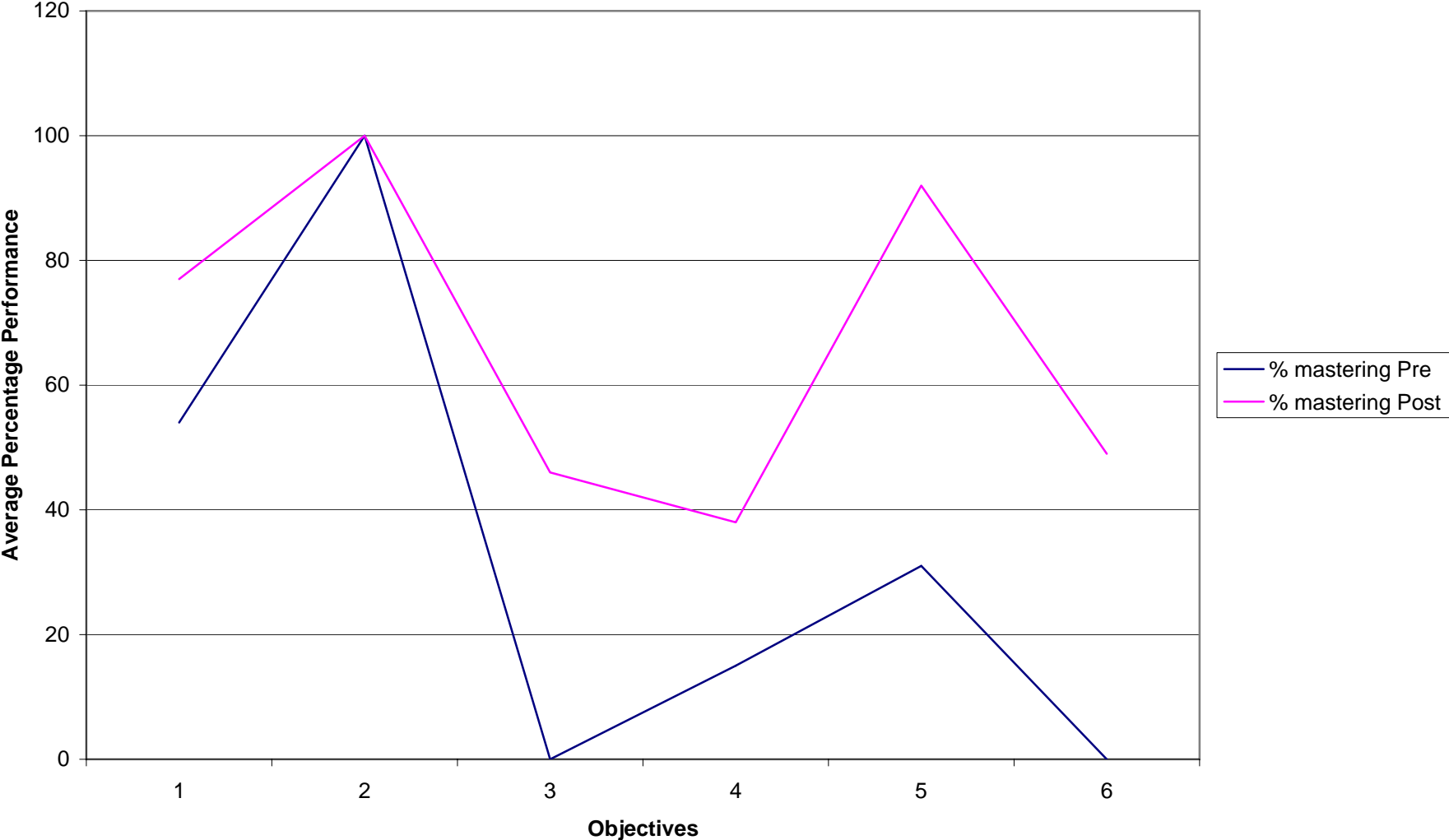
X stands for correct item

Student Performance on the Pretest and Posttest by Objective

<b>Objectives</b>	<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>		<b>5</b>		<b>6</b>	
<b>Test</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>	<b>PR</b>	<b>PS</b>
<b>Student 1</b>	X	X	X	X		X		X		X		X
<b>Student 2</b>			X	X				X		X		
<b>Student 3</b>	X	X	X	X			X		X	X		
<b>Student 4</b>		X	X	X		X		X		X		X
<b>Student 5</b>	X	X	X	X				X		X		
<b>Student 6</b>	X	X	X	X		X			X	X		X
<b>Student 7</b>	X		X	X					X			
<b>Student 8</b>		X	X	X						X		
<b>Student 9</b>	X	X	X	X				X	X	X		
<b>Student 10</b>			X	X		X				X		X
<b>Student 11</b>		X	X	X		X	X			X		X
<b>Student 12</b>		X	X	X						X		
<b>Student 13</b>	X	X	X	X		X				X		X
<b>% Mastering</b>	<b>54</b>	<b>77</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>46</b>	<b>15</b>	<b>38</b>	<b>31</b>	<b>92</b>	<b>0</b>	<b>46</b>
<b>Difference</b>	<b>23</b>		<b>0</b>		<b>46</b>		<b>23</b>		<b>61</b>		<b>46</b>	

PR = pretest; PS = posttest; X = mastered

**Average Performance by Objective  
Small Group**



Pretest and Posttest Data Summarized by the Percent of Total Possible Objectives

Student Number	Pretest Instructional Objectives	Posttest Objectives
1	33	33
2	33	50
3	33	50
Mean	33	44

Pretest Objective	1	2	3	4	5	6
% mastering Pre	100	100	0	0	0	0
% mastering Post	66	100	100	0	33	100

Posttest Objective	1	2	3	4	5	6
% mastering Pre	54	100	0	15	31	0
% mastering Post	77	100	46	38	92	49