

# Test Preparation

## Chapter 3

Ch.Sec	Prob Type	MML: General Learning Outcomes for Chapter 1 – 3	My Page	Ranking	Max Points $\pm$
3.1	Parabola matching		1	****	5
	Number of x-intercepts		2	** $\frac{1}{2}$	1
	Number of x-intercepts		3	****	2
	Parabola sketching		4	***	3
3.2	Method of roots		1 – 10	*** $\frac{1}{2}$	1
	Solve exactly and simplify		16 – 24, 33	*** $\frac{1}{2}$	2
	Find all real and complex roots and simplify		24 – 25	*** $\frac{1}{2}$	
	Solve decimal quadratic with calculator		26 – 32, 34, 40, 41	****	2
	Profit and rocket applications	4 – 6	42, 43, 45 – 48	****	6
	Rocket problem without computation	7 – 9		****	3
3.3	Abstract quadratic inequality		1 – 8	*** $\frac{1}{2}$	1
	Solve inequality graphically		9 – 11	****	1
	Solve inequality with table		12 – 13	****	1
3.4	Library of functions		1	****	3
	Endpoint of transformed function		2	****	1
	Tail of transformed function		2	****	1
	Sketch a square root function		3	***	3
1.3	Function notation and evaluation	1 – 3		****	3
					<b>Total: 36</b>