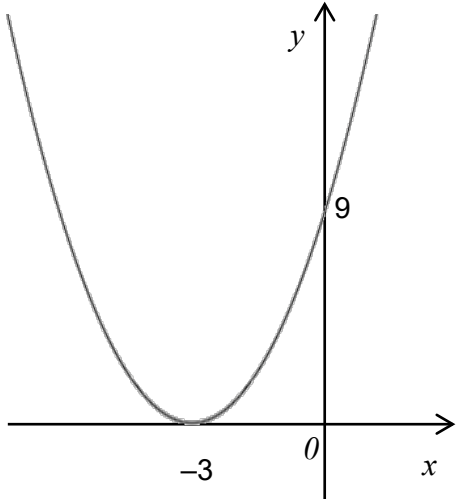


Topic Test 1 Mark Scheme

Quadratic graphs - Foundation

Q	Answer	Mark	Comments
1(a)	-3, -1, 3	B1	
1(b)	Points from table correctly plotted	B1	
	Smooth curve through points	B1	
1(c)	[-2.2, -2.3]	B1	
1(d)	[0.3, 0.6]	B1	
	[-3.5, -3.1]	B1	
2(a)	(0, -1)	B1	
2(b)	(-1, -2)	B1	
2(c)	[-2.5, -2.4]	B1	
2(d)	[0.4, 0.5]	B1	
3(a)	(-4, 0)	B1	
3(b)	(1, 0)	B1	
3(c)	(0, -4)	B1	
3(d)	$x = -2\frac{1}{2}$	B1	
3(e)	$(-2\frac{1}{2}, -5\frac{1}{4})$	B1	

Q	Answer	Mark	Comments
4(a)	$(x + 3)^2$	M1	
	-3	A1	
4(b)		B3	B2 Graph and 1 point B1 graph only