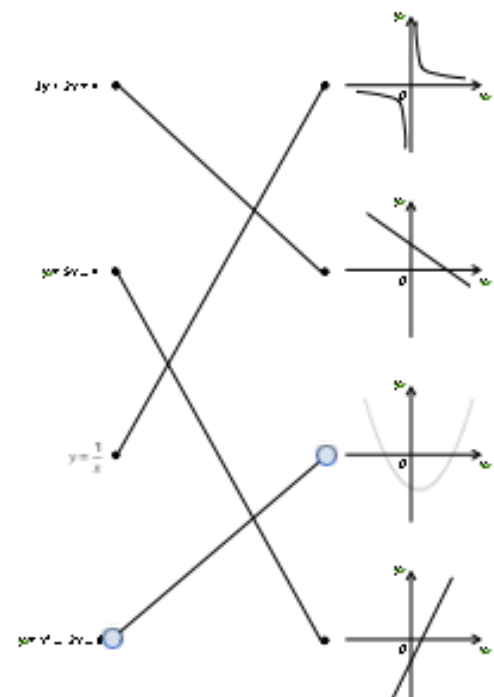
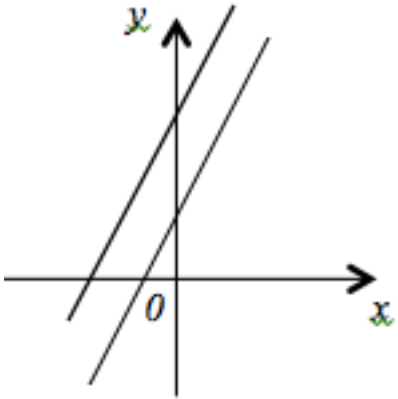
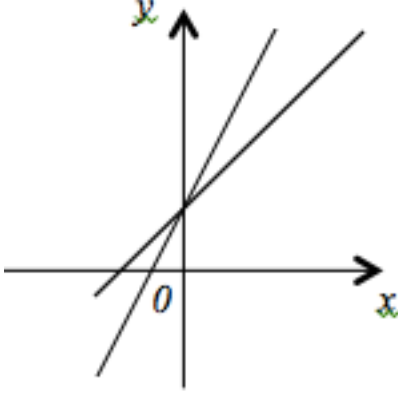
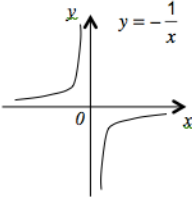
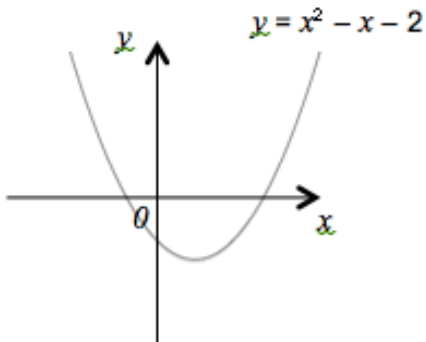
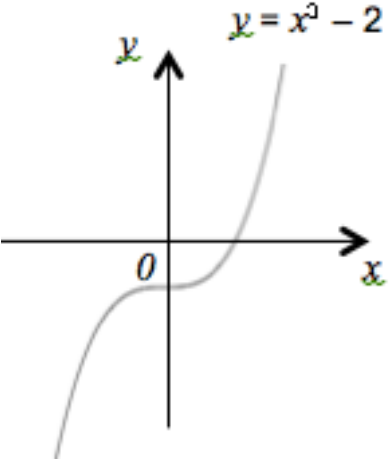
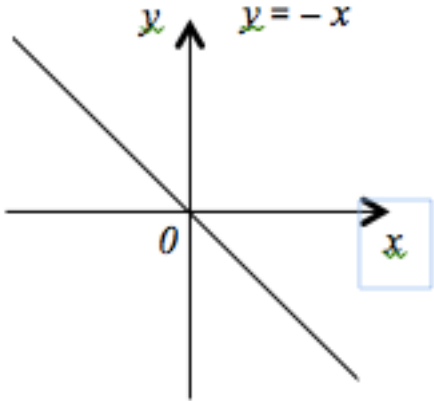


Topic Test 1 Mark Scheme

Sketching graphs - Higher

Q	Answer	Mark	Comments
1		B2	B1 for 2 correct
2(a)	20	B1	
2(b)	Any 'charge' value read from table less 20 divided by the equivalent 'time' value	M1	
	[24, 26]	A1	
3(a)	3	B1	
3(b)	-5	B1	
4(a)	20	B1	
4(b)	30	B1	
4(c)	20	B1	

Q	Answer	Mark	Comments
5(a)		B1	
5(b)		B1	

Q	Answer	Mark	Comments
6		B1	
6		B1	
6		B1	
6		B1	

Q	Answer	Mark	Comments
7	$x^2 + 2x - 3 = 3x + 3$	M1	
	$y = x^2 - x - 6$	A1	
8(a)	(-7, 16)	B1	
8(b)	((1), 0)	B1	