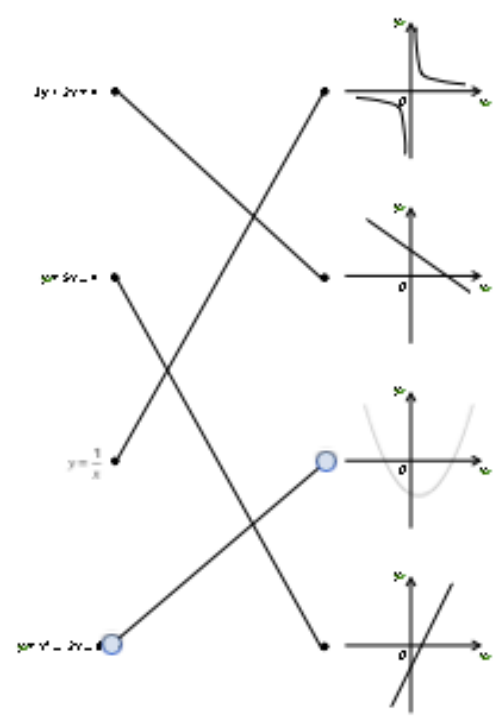


# Topic Test 1 Mark Scheme

## Sketching graphs - Foundation

Q	Answer	Mark	Comments
1(a)	-3 and 6	B1	
1(b)	Points from table correctly plotted	B1	
	Smooth curve through points	B1	
1(c)	[3.0, 3.4]	B1	
1(d)	[0.6, 0.8] and [-2.8, -2.6]	B1	
2(a)	Straight line graph from (-3, -5) to (3, 7)	B3	B2 for partial graph B1 for at least 2 correct coordinates seen in table or on graph
2(b)	Line from $y = 4$	M1	
	Line from intersection to $x = 1.5$	A1	
3		B2	B1 for 2 correct

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