

Topic Test 1 Mark Scheme

Real life graphs - Foundation

Q	Answer	Mark	Comments
1(a)	[2, 2.1]	B1	
1(b)	Any correct conversion seen, such as 2.5 bars = 36 PSI and multiplication by a correct factor, ie $7.5 = (3 \times) 2.5$ and 3×36	M1	
	[105, 115]	A1	
2	A	B1	
3	B	B1	
4(a)	7.5	B1	
4(b)	37.5	B1	
4(c)	$l = w$ drawn or $\sqrt{37.5}$	M1	
	[6, 6.3]	A1	
5(a)	16	B1	
5(b)	12	B1	
5(c)	Line from (10.45, 12) through (11.45, 2) or $12 \div 1.25$ or $12 \div 10$	M1	
	Line extended to time axis and yes or 9.6 and yes or 1.2 and yes	A1	

Q	Answer	Mark	Comments
6(a)	1.68	B1	
6(b)	There is a fixed price for a range or masses	B1	oe
7(a)	Speed	B1	
7(b)	Metres per minute	B1	
8(a)	0.25	B1	
8(b)	Cost of fixing each tile	B1	
8(c)	Fixed cost or call out charge	B1	