

Length L1 Mark Scheme		
1(a)	0.25 m	[1]
1(b)	0.38 m	[1]
1(c)	0.62 m	[1]
1(d)	0.44 m	[1]
1(e)	1.97 m	[1]
1(f)	6.14 m	[1]
1(g)	0.5 m	[1]
1(h)	7.2 m	[1]
1(i)	13.46 m	[1]
1(j)	70 m	[1]
2(a)	322 cm	[1]
2(b)	114 cm	[1]
2(c)	846 cm	[1]
2(d)	677 cm	[1]
2(e)	190 cm	[1]
2(f)	74 cm	[1]
2(g)	15 cm	[1]
2(h)	30 cm	[1]
2(i)	1299 cm	[1]
2(j)	3600 cm	[1]

3(a)	1.126 km	[1]
3(b)	3.257 km	[1]
3(c)	2.164 km	[1]
3(d)	9.333 km	[1]
3(e)	0.933 km	[1]
3(f)	16.425 km	[1]
3(g)	117.194 km	[1]
3(h)	0.21 km	[1]
3(i)	3.3 km	[1]
3(j)	0.355 km	[1]
4(a)	3114 m	[1]
4(b)	2687 m	[1]
4(c)	7228 m	[1]
4(d)	6290 m	[1]
4(e)	1300 m	[1]
4(f)	997 m	[1]
4(g)	244 m	[1]
4(h)	300 m	[1]
4(i)	9000 m	[1]
4(j)	121319 m	[1]

5(a)	1.11642 km	[1]
5(b)	1.31072 km	[1]
5(c)	2.62144 km	[1]
5(d)	5.24288 km	[1]
5(e)	10.48576 km	[1]
5(f)	0.29541 km	[1]
5(g)	0.00644 km	[1]
5(h)	0.56 km	[1]
5(i)	9.12844 km	[1]
5(j)	123.884 km	[1]
6(a)	300000 cm	[1]
6(b)	600000 cm	[1]
6(c)	922000 cm	[1]
6(d)	614400 cm	[1]
6(e)	98760 cm	[1]
6(f)	25.1 cm	[1]
6(g)	60000 cm	[1]
6(h)	310000 cm	[1]
6(i)	884000 cm	[1]
6(j)	3117346.4 cm	[1]

7(a)	$1.3 + 1.0 + 1.4 + 1.2 + 1.1 (= 6)$	[1]
	6 m	[1]
7(b)	Correct identification of Parth (tallest) and Alice (shortest)	[1] Implied by seeing 1.4 and 1.0
	$1.4 - 1.0 = 0.4$ m	[1]
8	$2 \times 400 (= 800)$	[1] Implied by "2 x 400" in 2nd mark
	$800 + 1000 = 1800$ cm	[1] Accept 18 m
9(a)	12.9 m	[1]
9(b)	60 cm	[1]
9(c)	12.9 km	[1]
9(d)	3.3 m = 330 cm or 21 cm = 0.21 m	[1]
	$330 + 21 = 351$ cm or $3.3 + 0.21 = 3.51$ m	[1]
10	$2.5 + 3 + 0.8 = 6.3$ m	[1]
	Jack has enough fence.	[1]
11(a)	$14 + 7 = 21$ miles	[1]
11(b)	$14 + 21 = 35$ miles via York; $7 + 33 = 40$ miles via Harrogate	[1]
	Shorter via York	[1]
12	50 cm = 0.5 m, 1450 cm = 14.5 m	[1] Or for distances converted to cm
	10 m, 2×2 m, 0.5 m	[1]
	$1.99 + 2 \times 3.99 + 12.99 = \pounds 22.96$	[1]
	$50 - 22.96 = \pounds 27.04$	[1]