	Weights L1 Mark Scheme	
1(a)	2 kg	[1]
1(b)	1 kg	[1]
1(c)	0.3 kg	[1]
1(d)	0.8 kg	[1]
1(e)	0.39 kg	[1]
1(f)	2.62 kg	[1]
1(g)	0.004 kg	[1]
1(h)	0.038 kg	[1]
1(i)	21.119 kg	[1]
1(j)	0.616 kg	[1]
2(a)	3000 g	[1]
2(b)	8000 g	[1]
2(c)	1400 g	[1]
2(d)	2210 g	[1]
2(e)	986 g	[1]
2(f)	24 g	[1]
2(g)	3981 g	[1]
2(h)	26200 g	[1]
2(i)	311000 g	[1]
2(j)	2 g	[1]

3(a)	500 g	[1]
3(b)	800 g	[1]
3(c)	7 kg	[1]
3(d)	4022 g	[1]
3(e)	11.5 kg	[1]
3(f)	1.209 kg	[1]
3(g)	184 g	[1]
3(h)	0.037 kg	[1]
3(i)	53255 g	[1]
3(j)	69.63 kg	[1]
4(a)	400 + 150 + 175 (= 725)	[1]
	725 g	[1]
4(b)	150 + 100 + 65 (= 315)	[1]
	315 g	[1]
4(c)	400 + 150 + 568 + 175 + 100 + 65 (= 1458)	[1]
	1458 g	[1]
4(d)	1458 – 65 = 1393 g	[1]
	No	[1]
5(a)	2000 – 500 = 1500 g	[1]
5(b)	1500 – 220 = 1280 g	[1]
	1280 – 350 = 930 g	[1]
	930 – 90 = 840 g	[1]
5(c)	840 – 500 = 340 g	[1]

6(a)	500 × 3 = 1500 g	[1]
6(b)	1600 × 8 (= 12800)	[1]
	5000 × 2 (= 10000)	[1]
	12800 + 10000 = 22800 g	[1]
6(c)	100 × 25 (= 2500)	[1]
	1500 + 22800 + 2500 = 26800 g	[1]
6(d)	12800 – 2500 = 10300 g	[1]
6(e)	1500 + 10000 (= 11500)	[1]
	12800 + 2500 (= 15300)	[1]
	B and C are heavier.	[1]
6(f)	1600 × 2 (= 3200)	[1]
	3200 + 100 × 4 (= 3600)	[1]
	No	[1]
7(a)	5.04 ÷ 16 = 0.315 kg	[1]
7(b)	5.04 ÷ 18 = 0.28 kg	[1]
7(c)	5.04 ÷ 20 = 0.252 kg	[1]
7(d)	5.04 ÷ 21 = 0.24 kg	[1]
7(e)	5.04 ÷ 24 = 0.21 kg	[1]

8(a)	400 g = 0.4 kg **or** 2 kg = 2000 g	[1]
	0.4 + 2 = 2.4 kg **or** 400 + 2000 = 2400 g	[1]
8(b)	3 kg = 3000 g **or** 600 g = 0.6 kg	[1]
	3000 + 600 = 3600 g **or** 3 + 0.6 = 3.6 kg	[1]
8(c)	1.1 kg = 1100 g **or** 450 g = 0.45 kg	[1]
	1100 + 450 = 1550 g **or** 1.1 + 0.45 = 1.55 kg	[1]
8(d)	1550 g = 1.55 kg **or** 0.85 kg = 850 g	[1]
	1.55 + 0.85 = 2.4 kg **or** 1550 + 850 = 2400 g	[1]
8(e)	641 g = 0.641 kg **or** 0.589 kg = 589 g	[1]
	0.641 + 0.589 = 1.23 kg **or** 641 + 589 = 1230	[1]
8(f)	24 g = 0.024 kg **or** 0.11 kg = 110 g	[1]
	0.024 + 0.11 = 0.134 kg **or** 24 + 110 = 134	[1]
8(g)	11 g = 0.011 kg **or** 0.025 kg = 25 g	[1]
	0.011 + 0.025 = 0.036 kg **or** 11 + 25 = 36 g	[1]
8(h)	0.844 kg = 844 g **or** 1623 g = 1.623 kg	[1]
	844 + 1623 = 2467 g **or** 0.844 + 1.623 = 2.467 kg	[1]
8(i)	23.454 kg = 23454 g **or** 11225 g = 11.225 kg	[1]
	23454 + 11225 = 34679 g **or** 23.454 + 11.225 = 34.679 kg	[1]
8(j)	151 g = 0.151 kg **or** 0.96 kg = 960 g	[1]
	0.151 + 0.96 = 1.111 kg **or** 151 + 960 = 1111 g	[1]
9(a)	Far too big, lots of excess potato	[1] Or words to that effect
9(b)	1 × A, 1 × B **and** 1 × A, 2 × D	[1]
	3 × B **and** 2 × B, 2 × D **and** 1 × B, 4 × D	[1]
	6 × D	[1]
9(c)	2 – 1.5 = 0.5 kg	[1]
	0.5 kg = 500 g	[1]

10(a)	25 × 50 (= 1250)	[1]
	No	[1]
10(b)	34 × 50 (= 1700)	[1]
	2000 – 1700 (= 300)	[1]
	300 ÷ 4 (= 75)	[1]
10(c)	500 g = 0.5 kg **or** 50 kg = 50000 g	[1]
	50 ÷ 0.5 (= 100) **or** 50000 ÷ 500 (= 100)	[1]
10(d)	50 × 150000 (= 7500000) **or** 50 g = 0.05 kg	[1]
	7500000 g = 7500 kg **or** 0.05 x 150000 (= 7500)	[1]
	Elsie is correct.	[1]
11(a)	500 ÷ 2 × 3 = 750	[1]
	750 g	[1]
11(b)	750 – 500 (= 250)	[1] Allow ecf from (a)
	250 g = 0.25 kg	[1] Accept conversion marks if all measurements in kilograms are correctly converted to grams. Allow ecf from (a)
	1.5 – 0.25 (= 1.25)	[1] Allow ecf from (a)
	1.25 – 1.2 = 0.05 kg	[1] Allow ecf from (a)
11(c)	1.2 ÷ 2 (= 0.6)	[1] Allow ecf from (b)
	1.25 + 0.6 = 1.85 kg	[1] Allow ecf from (b)
11(d)	750 g = 0.75 kg	[1] Accept conversion marks if all measurements in kilograms are correctly converted to grams. Allow ecf from (c)
	0.75 + 0.6 (= 1.35)	[1] Allow ecf from (c)
	Yes	[1] Allow ecf from (c)
11(e)	1.85 – 1.1 (= 0.75)	[1] Allow ecf from (d)
	0.75 kg	[1] Allow ecf from (d)