

Capacity E3 Mark Scheme		
1(a)	3 L	[1]
1(b)	5 L	[1]
1(c)	4.2 L	[1]
1(d)	2.6 L	[1]
1(e)	0.9 L	[1]
1(f)	0.16 L	[1]
1(g)	8.844 L	[1]
1(h)	20.126 L	[1]
1(i)	0.015 L	[1]
1(j)	0.124 L	[1]
2(a)	6000 ml	[1]
2(b)	2000 ml	[1]
2(c)	4400 ml	[1]
2(d)	3180 ml	[1]
2(e)	266 ml	[1]
2(f)	900 ml	[1]
2(g)	3144 ml	[1]
2(h)	8197 ml	[1]
2(i)	3 ml	[1]
2(j)	158 ml	[1]

3(a)	Could buy A, D, E	[1]
	Could not buy B, C	[1]
3(b)	Could buy C, D, E	[1]
	Could not buy A, B	[1]
3(c)	Could buy A, B, D	[1]
	Could not buy C, E	[1]
3(d)	D	[1]
4(a)	Identifies Tea as smallest and still water as largest.	[1]
	Tea, Coffee, Cola, Flavoured water, Still water	[1] Accept reverse.
4(b)	She cannot order coffee or tea	[1] Award if stated she can ONLY order Cola, Flavoured water and Still water
	No	[1]
5(a)	Belle consumed the most, Caitlin consumed the least	[1]
5(b)	Abdul, Belle, Don and Friedrich are healthy	[1]
	Caitlin and Esme are not healthy	[1]
6(a)	700 ml	[1]
6(b)	800 ml	[1]
6(c)	700 ml	[1]
6(d)	270 ml	[1]
6(e)	187 ml	[1]
6(f)	26 ml	[1]
6(g)	1330 ml	[1]
6(h)	2691 ml	[1]
6(i)	3188 ml	[1]
6(j)	53269 ml	[1]

7(a)	7 L	[1]
7(b)	10 L	[1]
7(c)	37 L	[1]
7(d)	0.6 L	[1]
7(e)	1.1 L	[1]
7(f)	0.27 L	[1]
7(g)	0.063 L	[1]
7(h)	0.264 L	[1]
7(i)	0.009 L	[1]
7(j)	30137 L	[1]
8	She can buy A, D	[1]
	She cannot buy B, C	[1]
9(a)	$250 + 300 (= 550)$	[1]
	550 ml	[1]
9(b)	$500 + 750 + 300 (= 1550)$	[1]
	1550 ml	[1]
9(c)	$450 + 1000 + 250 (= 1700)$	[1]
	1700 ml	[1]
9(d)	$1550 + 1700 (= 3250)$	[1] Accept adding all drinks up separately.
	3250 ml	[1]

10(a)	$2000 - 500 (= 1500)$	[1]
	1500 ml	[1]
10(b)	$1500 - 330 - 568 (= 602)$	[1] Allow ecf from (a)
	602 ml	[1] Allow ecf from (a)
10(c)	Yes because 602 is larger than 500	[1] Allow ecf from (b)
	$602 - 500 = 102$ ml	[1] Allow ecf from (b)
11(a)	$2.4 \times 50 (= 120)$	[1]
	120 L	[1]
11(b)	$10 \times 11 (= 110)$	[1]
	110 L	[1]
11(c)	No	[1]
	Because 110 is smaller than 120	[1]
12	$360 \div 18 = 20$ barrels of Strongberg's Extra Special Lager	[1]
	$54 \div 18 = 3$ barrels of House Brew	[1]
	$126 \div 18 = 7$ barrels of Cherry Cola	[1]
	$36 \div 2 = 2$ barrels of Fenland Coffee	[1]

13(a)	4 L = 4000 ml or 2000 ml = 2 L	[1]
	4 L	[1]
13(b)	3000 ml = 3 L or 6 L = 6000 ml	[1]
	6 L	[1]
13(c)	0.4 L = 400 ml or 500 ml = 0.5 L	[1]
	500 ml	[1]
13(d)	0.02 L = 20 ml or 30 ml = 0.03 L	[1]
	30 ml	[1]
13(e)	6 ml = 0.006 L or 0.034 L = 34 ml	[1]
	0.034 L	[1]
13(f)	6274 ml = 6.274 L or 6.252 L = 6252 ml	[1]
	6274 ml	[1]
13(g)	23.12 L = 23120 ml or 23346 ml = 23.346 L	[1]
	23346 ml	[1]
13(h)	24 ml = 0.024 L or 0.026 L = 26 ml	[1]
	0.026 L	[1]
14(a)	1 L = 1000 ml	[1] Accept conversion of everything into L
	3.048 L = 3048 ml	[1] Accept conversion of everything into L
	D is largest, A is smallest	[1]
14(b)	E is largest out of B, C and E	[1]
	E is best value for money	[1]

15(a)	400 ml = 0.4 L or 0.5 L = 500 ml	[1]
	0.4 + 0.5 = 0.9 L or 400 + 500 = 900 ml	[1]
15(b)	2000 ml = 2 L or 3 L = 3000 ml	[1]
	2 + 3 = 5 L or 2000 + 3000 = 5000 ml	[1]
15(c)	38 ml = 0.038 L or 0.052 L = 52 ml	[1]
	0.038 + 0.052 = 0.09 L or 38 + 52 = 90 ml	[1]
15(d)	0.114 L = 114 ml or 52 ml = 0.052 L	[1]
	114 + 52 = 166 ml or 0.114 + 0.052 = 0.166 L	[1]
15(e)	24300 ml = 24.3 L or 18.177 L = 18177 ml	[1]
	24.3 + 18.177 = 42.477 L or 24300 + 18177 = 42477 ml	[1]
15(f)	0.156 L = 156 ml or 388 ml = 0.388 L, 211 ml = 0.211 L	[1]
	388 + 156 + 211 = 755 ml or 0.388 + 0.156 + 0.211 = 0.755 L	[1]
16(a)	5 L = 5000 ml or 568 ml = 0.568 L	[1]
	5000 + 568 = 5568 ml or 5 + 0.568 = 5.568 L	[1]
16(b)	0.5 L = 500 ml or 2000 ml = 2 L, 0.25 L = 250 ml or 750 ml = 0.75 L	[1]
	500 + 250 + 2000 + 750 = 3500 ml or 0.5 + 0.25 + 2 + 0.75 = 3.5 L	[1]
16(c)	Largest bottle is E.	[1]
	Smallest bottle is D.	[1]
	5 + 0.25 = 5.25 L	[1]
16(d)	1 L = 1000 ml or 400 ml = 0.4 L, 330 ml = 0.33 L	[1]
	500 + 400 + 330 + 250 + 5000 + 2000 + 568 + 1000 + 750 = 10798 ml or 0.5 + 0.4 + 0.33 + 0.25 + 5 + 2 + 5.68 + 1 + 0.75 = 10.798 L	[1]
17(a)	1.5 L = 1500 ml or 1.5 ÷ 2 = 0.75 L, 0.75 L = 750 ml or 1500 ÷ 2 = 750 ml	[1]
	2 L = 2000 ml or 2 ÷ 4 = 0.5 L, 0.5 L = 500 ml or 2000 ÷ 4 = 500 ml	[1]
	900 ÷ 3 = 300 ml	[1]
17(b)	750 ÷ 3 (=250)	[1] Allow ecf from part (a)
	300 + 250 = 550 ml	[1] Allow ecf from part (a)
17(c)	550 ÷ 2 (=275)	[1] Allow ecf from part (b)
	500 + 275 (=775)	[1] Allow ecf from part (b)
	775 ÷ 1000 = 0.775 L	[1] Allow ecf from part (b)