	Best Buy Mark Scheme:	
1	Single = 1500ml $1ml = 0.1p$	[1] Find base unit cost
	Multipack = 6 × 330 = 1980 ml $1ml = 0.0\dot{8}\dot{5}$ p	[1] Find base unit cost
	Multi pack is cheaper	[1] Correct comparison of value
2	Desk $= \frac{250}{4} = 62.5$ packs Delaware $= \frac{250}{2} = 125$ packs	[1] Calculation of number of packs
	Desk = 63 packs = 63 × £9.95 = £626.85 + £4.95 = £631.80 Delware = 125 × £4.99 = £623.75 + £299 = £626.74	[1] Calculation of cost
	Delware Resources is the best buy	[1] Correct answer with workings
3	Shop A = 0.158p Shop B = 0.158p	[1] Calculation of both A and B
	Shop C = 0.099p per gram	[1] Calculation of shop C
	Shop D = 0.1032p	[1] Calculation of shop D
	Shop C is the cheapest	[1] Correct answer with workings
4	Small area = 16π Inches^2 Medium area = 25π Inches^2 Large area = 36π Inches^2	[1] Correct areas
	Cost per sqaure inch We can cancel out the π and just divide by 16,25 and 36. $Small = \frac{799p}{16} = 49.94p$ $Medium = \frac{999p}{25} = 39.96p$ $Large = \frac{1299p}{36} = 36.08p$	[1] Calculation of cost per unit or amount per £1 is acceptable [1] All 3 calculations correct
	Large Pizza is the best value	[1] Correct answer with workings

5(a)	Area of single = 200cm^3 Area of box = 3200cm^3	[1] Calculation of area
	Area of wall = 40000cm^3	[1] Calculation of area
	$\frac{40000}{200} = 200\ tiles$ $\frac{40000}{3200} = 12.5\ boxes = 13\ full\ boxes$	[1] Correct number of tiles required
	Single tile cost 200 × £0.49 = £98 Cost of the box of tiles 13 ×£7.99 = £103.87	[1] Finding the cost of 200 tiles vs 13 boxes of tiles
	Supplier A is better value	[1] Correct answer with workings
5(b)	12.5 x £7.99 = £99.87 No, Supplier A is still better value	[1] Correct statement with workings
6	Jack 4A + 5B +9c = 8.96 $(4 \times 1L) + (5 \times 0.5\ L) + (9 \times 0.750) = 13.2\ litres$	[1] Forming equation
	$\frac{8.96}{13.25} = £0.68\ per\ litre$	[1] Correct value per $l\ or\ ml$
	Sophie 8A + 10 B = 8.92 $(8 \times 1L) + (10 \times 0.5\ L) = 15$ litres	[1] Forming equation
	$\frac{8.92}{15} = £0.59\ per\ litre$	[1] Correct value per $l\ or\ ml$
	Kabiria 9A + 9B + 5C = 11.77 $(9 \times 1L) + (9 \times 0.5\ L) + (5 \times 0.750) = 17.25\ litres$ $\frac{11.77}{17.25} = £0.68\ per\ litre$	[1] Forming equation and correct value per l or ml. Only 1 mark due to repeat of same calculation methods.
	Sophie bought the cheapest water per millilitre.	[1] Accept value per $l\ or\ ml$

END