	Using Length, Area and Volume in Calculations L1 Mark Scheme	
1	Perimeter of three sides of garden $= 8 + 11 + 8 = 27$ m	[1]
	Length of fencing needed $= 27 - 0.8 = 26.2$ m	[1]
2	Kitchen area $= 3 \times 2.5 = 7.5$ m^2 Tile area $= 0.5 \times 0.5 = 0.25$ m^2	[1] Alternative method: $3 \div 0.5 = 6$ tiles long $2.5 \div 0.5 = 5$ tiles wide
	$7.5 \div 0.25 = 30$ kitchen tiles needed	[1] Alternative method cont.: $6 \times 5 = 30$ tiles needed
3	Big rectangle area $= 80 \times 50 = 4000$ m^2 Small rectangle area $= 15 \times 20 = 300$ m^2	[1] Alternative method: Area $= 60 \times 50 + 20 \times 35$
	Area of field $= 4000 - 300 = 3700$ m^2	[1] Alternative method cont. Area $= 3700$ m^2
	Time $= 3700 \div 50 = 74$ minutes	[1]
4	Area of lawn $= 7.2 \times 4.5 = 32.4$ m^2 Area of lawn feed coverage $= 2 \times 32.4 = 64.8$ m^2	[1]
	$64.8 \div 20 = 3.24$ kg of lawn feed needed	[1]
	So, Mila will need 2 boxes (since 1 box is 2.5 kg)	[1]
	Cost $= 2 \times$ £6.99 $=$ £13.98	[1]
5	Volume of ice cube $= 2 \times 2 \times 3 = 12$ cm^3	[1]
	$1500 \div 12 = 125$ ice cubes made	[1]
	$125 \div 12 = 10.41$ ... so 11 trays will be needed	[1]
6	50% depth $= 0.5 \times 0.5 = 0.25$ m	[1]
	Volume of water $= 2 \times 1.5 \times 0.25 = 0.75$ m^2	[1]
	Time to fill pool $= 0.75 \div 0.05$	[1]
	$= 15$ minutes	[1]