

| Formulas L1 Mark Scheme | | |
|--------------------------------|--|-----|
| 1 | $£11.20 \times 7 = £78.40$ | [1] |
| 2 | $3 \times 60 = 180$ tins | [1] |
| 3(a) | $5 \times 6 = 30$ minutes | [1] |
| 3(b) | $8 \times 6 = 48$ minutes | [1] |
| 4 | Time = $(40 \times \text{kg of lamb}) + 25$ | [1] |
| | For 1.2 kg of lamb: Time = $(40 \times 1.2) + 25 = 73$ minutes | [1] |
| 5 | Cost of hire = $(£3.50 \times \text{number of hours}) + £20$ | [1] |
| | For 3 hours hire: Cost of hire = $(£3.50 \times 3) + £20 = £30.50$ | [1] |
| 6 | Broadband cost = $(£24.50 \times \text{number of months}) + £30$ | [1] |
| | For 18 months: Broadband cost = $(£24.50 \times 18) + £30 = £471$ | [1] |
| 7 | Cost of phone = $(£32 \times \text{number of months}) - £50$ | [1] |
| | For 12 months: Cost of phone = $(£32 \times 12) - £50 = £334$ | [1] |
| 8 | Cost of sweets = $(£0.80 \times \text{each additional 100 g}) + £2$ | [1] |
| | Dev wants to buy an additional 400 g – 100 g = 300 g of sweets: Cost of sweets = $(£0.80 \times 3) + £2 = £4.40$ | [1] |
| | Dev has enough money | [1] |
| 9 | Cost of taxi = $(£1.20 \times \text{number of miles}) + £2.50$ | [1] |
| | For 4.6 miles: Cost of taxi = $(£1.20 \times 4.6) + £2.50 = £8.02$ | [1] |
| | Change = $£10 - £8.02 = £1.98$ | [1] |

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| 10 | $12 \times 32 = 384$ | [1] |
| | $384 + 70 = 454$ So, it will cost Mary £454 | [1] |
| | | |
| 11 | $250 \div 10 = 25$ | [1] |
| | $25 \times 18 = 450$ So, it will cost Susan £450 | [1] |
| | | |
| 12 | $23 \times 4.5 = 103.5$ | [1] |
| | $103.5 + 10 = 113.5$ So, it will cost the teacher £113.50 | [1] |
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| 13 | $75 \times 25 = 1875$ | [1] |
| | $1875 + 550 = 2425$ Dan will need 2425 calories in a day | [1] |
| | So, Dan is not correct | [1] |
| | | |
| 14 | $52000 \times 4.4 = 228800$ | [1] |
| | $228800 + 5000 = 233800$ | [1] |
| | The amount they want to borrow from the bank is less than the maximum amount of money they can borrow. | [1] |
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