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| --- | --- | --- | --- |
| **Input value** | **Reason for test** | **Expected output** | **Actual result** |
| 0 | To check that the customer isn’t billed if the phone has not been used | Number of minutes: 0  Basic call charge: £0  VAT due: £0.00  Total bill: £0  Basic Call Charge = 0 \* 0.15 = 0  VAT due = Basic Call Charge (0) \* 0.2 = 0  Total bill = Basic Call Charge (0) + VAT due (0) = 0 |  |
| 1 | Ensure the customer is charged for any call length | Number of minutes used: 1  Basic call charge: £0.15  VAT due: £0.03  Total bill: £0.18  Basic Call Charge = 1 \* 0.15 = 0.15  VAT due = Basic Call Charge (0.15) \* 0.2 = 0.03  Total bill = Basic Call Charge (0.15) + VAT due (0.03) = £0.18 |  |
| 1260 | Check that calculations still work with long calls | Number of minutes used: 1260  Basic call charge: £189.00  VAT due: £37.80  Total bill: £226.80  Basic Call Charge = 1260 \* 0.15 = 189  VAT due = Basic Call Charge (189) \* 0.2 = 37.80  Total bill = Basic Call Charge (189) + VAT due (37.80) = £226.80 |  |