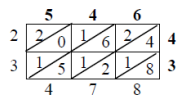
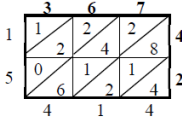


|         |   |        |     |  |   |    |       |      |     |   |      |     |    |  |    |  |
|---------|---|--------|-----|--|---|----|-------|------|-----|---|------|-----|----|--|----|--|
| 3<br>1. | 21840<br>1638<br>23478  | 234.78 | M1  | for complete method with relative place value correct including addition of all the appropriate elements of the calculation e.g. two lines of 1 <sup>st</sup> method, internal numbers of grids, or complete structure shown of partitioning methods |   |    |       |      |     |   |      |     |    |  |    |  |
|         |    |        | A1  | for digits 23478   |   |    |       |      |     |   |      |     |    |  |    |  |
|         | <table border="1"> <tr><td></td><td>500</td><td>40</td><td>6</td></tr> <tr><td>40</td><td>20000</td><td>1600</td><td>240</td></tr> <tr><td>3</td><td>1500</td><td>120</td><td>18</td></tr> </table> <p>20000 + 1600 + 240 + 1500 + 120 + 18 = 23478</p> |        | 500 | 40   | 6 | 40 | 20000 | 1600 | 240 | 3 | 1500 | 120 | 18 |  | A1 | (ft dep M1) for correct placement of the decimal point into their final answer |
|         | 500   | 40     | 6   |  |   |    |       |      |     |   |      |     |    |  |    |  |
| 40      | 20000   | 1600   | 240 |  |   |    |       |      |     |   |      |     |    |  |    |  |
| 3       | 1500  | 120    | 18  |  |   |    |       |      |     |   |      |     |    |  |    |  |

|          |  |              |    |  |
|----------|--|--------------|----|--|
| 1)<br>2. |  | Tea £1.40    | P1 | for setting up two appropriate equations eg $3t + 2c = 7.80$ , $5t + 4c = 14.20$ |
|          |  | Coffee £1.80 | M1 | for method to eliminate one variable, condone one arithmetic error               |
|          |  |              | M1 | for method to substitute found variable or start again                           |
|          |  |              | A1 | Tea £1.4(0) and Coffee £1.8(0) with amounts linked to correct drinks             |

|        |        |  |  |  |   |  |     |    |   |    |       |      |     |   |     |
|--------|--------|--|--|--|---|--|-----|----|---|----|-------|------|-----|---|-----|
| 3. (a) | 15.414 | M1   | for a complete method with relative place value correct including intention to add all the appropriate elements of the calculation eg 2 lines of the 1 <sup>st</sup> method, internal numbers of grids, or complete structure shown of partitioning methods. | 14680<br>734<br>15414  |   |  |     |    |   |    |       |      |     |   |     |
|        |        |  | A1   | for digits 15414   | <table border="1"> <tr><td></td><td>300</td><td>60</td><td>7</td></tr> <tr><td>40</td><td>12000</td><td>2400</td><td>280</td></tr> <tr><td>2</td><td>600</td><td>120</td><td>14</td></tr> </table> <p>12000 + 2400 + 280 + 600 + 120 + 14 = 15414</p> |  | 300 | 60 | 7 | 40 | 12000 | 2400 | 280 | 2 | 600 |
|        | 300    | 60   | 7  |  |   |  |     |    |   |    |       |      |     |   |     |
| 40     | 12000  | 2400   | 280  |  |   |  |     |    |   |    |       |      |     |   |     |
| 2      | 600    | 120  | 14   |  |   |  |     |    |   |    |       |      |     |   |     |
| (b)    | 37.4   | M1   | for a start to a method, eg $598.4 \div 16$ (or $59.84 \div 1.6$ ) = 3 (as a first digit)  | A start to a repeated subtraction method or build-up method is acceptable if a correct first digit of 3 is found |   |  |     |    |   |    |       |      |     |   |     |
|        |        | A1   | for digits 374   |  |   |  |     |    |   |    |       |      |     |   |     |
|        |        | A1   | (ft) dep on M1 for correct placement of the decimal point into their final answer  |  |   |  |     |    |   |    |       |      |     |   |     |