| Question | Answer |
| :---: | :---: |
| 1 | Eva has the smaller amount of drink. <br> She only has 4 thousands but Tommy has 6 thousands. |
| 2 |  |
| 3 | Th H T $\circ$ <br> - 0 O  00 <br>  ©   <br> - <br> $\square$ |
| 4 | 7,000, 4,526 |
| 5 | a) < <br> b) < <br> c) > |
| 6 | a) is greater than <br> b) is greater than <br> c) is less than <br> d) is less than |
| 7 | Car B <br> Both prices have 4 thousands and 7 hundreds but Car B has 9 tens compared to Car A which has 8 tens, so Car B is more expensive. |
| 8 | a) > <br> b) < <br> c) < <br> d) < <br> e) < |
| 9 | Teddy is incorrect. Scott's number could also start with a 7 or it could be 4,751 or 4,715 |
| 10 | a) 0 or 1 <br> b) 7,8 or 9 <br> c) $0,1,2$ or 3 <br> d) any digit |
| 11 | a) 8,9 <br> b) $1,2,3,4,5$ <br> It could possibly be 0 but discuss with children that this is not how we conventionally write numbers. |

## Y4 - Autumn - Block 1 - Step 10 - Order numbers Answers

| Question | Answer |
| :---: | :---: |
| 1 | a) Tom because his number has 4 thousands but Whitney's and Dani's numbers only have 3 thousands <br> b) $3,052 \quad 3,200 \quad 4,050$ |
| 2 | 2,600 2,595 2,540 |
| 3 | 7,500 because it has the most thousands so it must be the greatest number |
| 4 | Any number less than 6,130 using all 10 counters e.g. 6,121 <br> Any number greater than 6,130 using all 10 counters e.g. 7,030 |
| 5 | a) 625 <br> b) 2,089 <br> c) 6,175 |
| 6 | a) Barcelona <br> b) New York <br> c) Rome |
| 7 | a) $1,750 \quad 1,780 \quad 2,304 \quad 2,600$ <br> b) $728 \quad 1,322 \quad 8,079 \quad 8,200$ |
| 8 | Jack has just looked at the size of the first digit and not realised that there are 2 thousands in 2,340 and 0 thousands in 982 so 2,340 must be greater. |
| 9 | a) <br> 3_25 Any digit from $0,1,2,3,4,5$, 6 or 7 <br> 376_ Any digit from 0 to 9 <br> 3_58 Either 8 or 9 <br> b) Missing digit could be a 7,8 or 9 so there are three possibilities. |


| Question | Answer |  |  |
| :---: | :---: | :---: | :---: |
| 1 | a) 3,000 <br> b) 5,000 <br> c) 7,000 |  |  |
| 2 | 3,850 and 4,230 |  |  |
| 3 | 7,800 is 200 away from 8,000 but 800 away from 7,000 so it is closer to 8,000 |  |  |
| 4 | a) 2,000 <br> b) 1,600 <br> c) 1,580 |  |  |
| 5 | $\begin{aligned} & 8,600 \\ & 8,590 \\ & 9,105 \end{aligned}$ |  |  |
| 6 | $\begin{array}{\|l\|} \hline 9,130 \\ 9,059 \\ 9,107 \end{array}$ |  |  |
| 7 | a) 4,000 h) 2,000 <br> b) 1,000 <br> i) 5,000 <br> c) 2,000 <br> j) 6,000 <br> d) 2,000 <br> k) 5,000 <br> e) 2,000 <br> l) 4,000 <br> f) 3,000 <br> m) 3,000 <br> g) 3,000 <br> n) 2,000 |  |  |
| 8 | Number Rounded to <br> nearest 10 | Rounded to nearest 100 | Rounded to nearest 1,000 |
|  | 755 760 | 800 | 1,000 |
|  | 2,904 2,900 | 2,900 | 3,000 |
|  | 5,997 6,000 | 6,000 | 6,000 |
| 9 | a) $5,6,7,8,9$ <br> b) $0,1,2,3,4,5,6,7,8,9$ <br> c) 8 |  |  |
| 10 | Various possible combinations. <br> Rosie's number has to be between 2,500 and 3,499 <br> Amir's number has to be between 3,350 and 3,499 <br> For Rosie to have a number 100 more than Amir, Amir must have a number between 3,350 and 3,399 and Rosie's will be 100 more e.g. Amir 3,370 and Rosie 3,470 |  |  |


| Question | Answer |
| :---: | :---: |
| 1 | a) Filip 50 <br>  Eva 75 <br>  Mo 100 <br>  Esther 125 <br> b) 150  |
| 2 | $\begin{aligned} & 275,300,325,350,375 \\ & 675,650,625,600,575 \end{aligned}$ |
| 3 | a) $100,175,725$ <br> b) All of the numbers end in 25,75 or a hundred (00), which means they will all be multiples of 25 |
| 4 | a) $825 \quad 875$ <br> b) $4,150 \quad 4,275$ |
| 5 | false <br> The left side of the scales has a total of 125 g and the right side of the scales has a total of 150 g . They are not equal and therefore will not balance. |
| 6 | a) 725 <br> b) 750 <br> c) 1 sheet has 25 , so if 28 sheets has 700 then 29 sheets will have 25 more, which is 725 30 sheets will have 25 more than 29 sheets, which is 750 |
| 7 | a) 425 <br> Five 50s is 250 <br> Seven 25 s is 175 $250+175=425$ <br> b) 175 <br> Multiple possible answers, e.g. 50, 50, 50, 25 or $25,25,25,25,25,25,25$ |

