Complete the questions in each box. Make sure that you show all of your workings



| 11. A dice is rolled. What is the probability of a 6 ? |  |  |  | 12. A bag contains 3 blue marbles and 4 red marbles. One marble is removed at random then replaced. Another marble is then removed. Complete the probability tree. |
| :---: | :---: | :---: | :---: | :---: |
| 13. <br> The table gives information about the numbers of fish in a lake. |  |  |  | 14. In a card game Jayne wins 2 out of 9 games. Estimate how many games she would win out of 72 . |
| Fish |  |  |  |  |
| Perch |  |  |  |  |
| Bream |  |  |  |  |
| Carp |  |  |  |  |
| Draw an accurate pie chart to show this information. <br> 15. Complete the table to show the angles required for a pie chart |  |  |  |  |
|  |  |  |  | 16. Write the inequality shown on the number line |
| Favourite Food |  | Number of people | Size of angle |  |
| Chinese |  | 10 |  |  |
| Indian |  | 6 |  |  |
| Kebab |  | 6 |  | 1 1 1 1 1 1 <br> -2 -1 0 1 2 3 |
| Other |  | 2 |  |  |
| TOTALS |  |  |  |  |


| 17. Write the following numbers in ascending order. <br> $0.52,0.85,0.601,0.39,0.922$ | 18. Round 401 to the nearest 1000 |
| :---: | :---: |
| 19. Write 12 in its simplest form 108 | 20. Write the fractions in ascending order: $\begin{array}{lllll} \frac{5}{21} & \frac{2}{3} & \frac{4}{7} & \frac{2}{7} & \frac{5}{7} \end{array}$ |


| WWW |  |
| :--- | :--- |
| EBI 1 |  |
| EBI 2 |  |

