|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **1)** Put the numbers in the correct positions in the Carroll Diagram: |

           20     15     17     12

|  |  |  |
| --- | --- | --- |
|   | **multiple of 5** | **not a multiple of 5** |
| **multiple of 2** |  |  |
| **not a multiple of 2** |  |  |

 | [1]   |
|

|  |
| --- |
| **2)** Write in the missing numbershttp://www.mathster.com/course/simgs/5918339424_1.png |

            | [1]   |
|

|  |
| --- |
| **3)** Write down the digit that means **hundredths** in 0.35     ......... |

      | [1]   |
|

|  |
| --- |
| **4)** The bar graph shows the number of scooters a store sold in the last 4 days. |

      http://www.mathster.com/course/simgs/5918339424_2.pngHow many scooters did they sell altogether?     ......... scooters | [1]   |
|

|  |
| --- |
| **5)** Find the amount of liquid in the container in millilitres.http://www.mathster.com/course/simgs/5918339424_3.png     ......... ml |

      | [1]   |
|

|  |
| --- |
| **6)** Order the numbers below from smallest to largest |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0.86  | 0.812  | 0.873  | 0.89  | 0.8  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   |   |   |   |   |
| ..... | ..... | ..... | ..... | ..... |
| smallest |   |   |   | largest |

 | [1]   |
|

|  |
| --- |
| **7)** Write the number in words  |

           64158     ....................................................... | [1]   |
|

|  |  |
| --- | --- |
| **8)** Translate the shape 2 boxes to the right and 3 boxes up.

|  |
| --- |
| http://www.mathster.com/course/simgs/5918339424_4.png |

 |

      | [1]   |
|

|  |
| --- |
| **9)** The weighing scales show the mass of a pineapple.http://www.mathster.com/course/simgs/5918339424_5.pngHow much do 11 pineapples weigh? ....... kg |

      | [1]   |
|

|  |
| --- |
| **10)** Two shops, A and B, both sell bouncy balls.     http://www.mathster.com/course/simgs/5918339424_6.pngAt which shop are the bouncy balls the best value for money?     Show all your working below. |

      | [1]   |
|

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11)** Complete the magic square so that all rows, columns and diagonals have the same total.

|  |  |  |
| --- | --- | --- |
| 17 |  | 18 |
| 13 | 12 |  |
|  |  | 7 |

 |

      | [1]   |
|

|  |
| --- |
| **12)** 1.469  $+$ ....... $=$ 10 |

      | [1]   |
|

|  |
| --- |
| **13)** Select the correct inequality (< or >) to make a true statement  |

            $\frac{5}{12}$ ...... $\frac{4}{9}$  | [1]   |
|

|  |
| --- |
| **14)** Write in the missing numbershttp://www.mathster.com/course/simgs/5918339424_7.png |

            | [1]   |
|

|  |
| --- |
| **15)** Complete the table to show the properties of 4 shapes. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Shape** | **Number of sides** | **Number of right angles** | **Regular shape? (yes or no)** |
| http://www.mathster.com/assessment/qimages/Rhombus50_1.png | 4 | 0 | yes |
| http://www.mathster.com/assessment/qimages/1ra50c.png |  |  |  |
| http://www.mathster.com/assessment/qimages/Trapezium50_0.png |  |  |  |
| http://www.mathster.com/assessment/qimages/0ra50c.png |  |  |  |

 | [1]   |
|

|  |
| --- |
| **16)** I'm thinking of a number. I take away 2 and then halve the result. The answer is 12. |

      What is the number I am thinking of?     ......... | [1]   |
|

|  |
| --- |
| **17)** Calculate the percentage of the bar that is shaded.     ......... % |

      http://www.mathster.com/course/simgs/5918339424_8.png | [1]   |
|

|  |
| --- |
| **18)** A recipe requires 5 cups of flour to make 7 cookies.How many cups of flour will be needed to make 28 cookies?     ......... cups of flour |

      | [1]   |
|

|  |
| --- |
| **19)** Here is a figure made of two rectangles.     http://www.mathster.com/course/simgs/5918339424_9.png     (a) What is the **perimeter** of the figure?     ..... cm     (b) What is the **area** of the figure?     ..... $cm^{2}$     (c) How much greater is the area of the figure than its perimeter?     ..... |

      | [1]   |
|

|  |
| --- |
| **20)** What are the coordinates of the missing corner of the rectangle?http://www.mathster.com/course/simgs/5918339424_10.pngThe coordinates are  $($....... , ....... $)$ |

      | [1]   |