|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **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 numbers http://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.png  How 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.png How 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.png At 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 |                ...... | [1] |
| |  | | --- | | **14)** Write in the missing numbers http://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?     .....        (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.png  The coordinates are  ....... , ....... | | [1] |