**Place Value and Ordering**

|  |  |  |
| --- | --- | --- |
| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /17 | % |

|  |  |
| --- | --- |
| **1)** Write down the digit that means **units** in 45     .........      | [1]   |
| **2)** Write down the digit that means **tens** in 936     .........      | [1]   |
| **3)** Write down the digit that means **tens** in 9438     .........      | [1]   |
| **4)** Write down the digit that means **tenths** in 0.78     .........      | [1]   |
| **5)** Put these numbers in order of size, starting with the smallest number.      a)           9       2       6       4       3

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

     b)           97       59       13       100       49

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

     c)           684       303       826       691       518

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

 | [6]   |
|      d)       425       542       452       524       254       245

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

     e)           5.1       9.1       1.5       5.9       1.9

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

     f)           0.9       0.94       0.947       0.045       0.906

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

 |  |
| **6)** Write these numbers in order on the number line:                7        -3        -2        3http://www.mathster.com/course/simgs/17613739560_1.png | [1]   |
| **7)** Put these lengths in order of size, starting with the smallest.                 9m       400cm       70mm       3cm       4mm

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

 | [1]   |
| **8)** Put these weights in order of size, starting with the smallest.                 2kg       8000g       2g       3000mg       50mg

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

 | [1]   |
| **9)** Put these measures of capacity in order of size, starting with the smallest.                 4L       5000ml       90ml       0.05L       6ml

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

 | [1]   |
| **10)** Write an ordered list of 2 digit numbers from the three numbers below.                2       1       3

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

|  |
| --- |
| 12 |

 | ....... | ....... | ....... | ....... |

|  |
| --- |
| 32 |

 |
| smallest |   |   |   |   | largest |

 | [1]   |
| **11)** Here are four numbers.          8       2       4       5Use each number once to make:

|  |  |
| --- | --- |
| a number that has 4 units, 5 tens, 2 hundreds and 8 thousands |  |
| a number that is greater than 8 thousand 5 hundred |  |
| a number between 2 thousand 5 hundred and 4 thousand |  |

      | [1]   |
| **12)** Here are four numbers.          4297       4729       4972       4279

|  |  |
| --- | --- |
| which number is the largest? |  |
| which number is the smallest? |  |
| which number is between 4297 and 4972? |  |

      | [1]   |

**Solutions for the assessment Place Value and Ordering**

|  |  |
| --- | --- |
| **1)** 5 | **2)** 3 |
| **3)** 3 | **4)** 7 |
| **5)**  a) 2 3 4 6 9 |      b) 13 49 59 97 100 |
|      c) 303 518 684 691 826 |      d) 245 254 425 452 524 542 |
|      e) 1.5 1.9 5.1 5.9 9.1 |      f) 0.045 0.9 0.906 0.94 0.947 |
| **6)** missing numbers are -3, -2, 3, 7 | **7)** 4mm 3cm 70mm 400cm 9m |
| **8)** 50mg 2g 3000mg 2kg 8000g | **9)** 6ml 0.05L 90ml 4L 5000ml |
| **10)** 13, 21, 23, 31 | **11)** 82548542 or 85242548 or 2584 or 2854 or 2845 |
| **12)** 4972, 4279, 4729 |  |