**Place Value and Ordering**

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| --- | --- | --- |
| 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        3  http://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       5  Use 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)** 8254 8542 or 8524 2548 or 2584 or 2854 or 2845 |
| **12)** 4972, 4279, 4729 |  |