**Carroll diagrams - number properties**

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

|  |  |  |
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| Mark : | /6 | % |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** Put the numbers in the correct positions in the Carroll Diagram:           16     18     33     23

|  |  |  |
| --- | --- | --- |
|   | **Multiple of 3** | **Not Multiple of 3** |
| **Even** |  |  |
| **Odd** |  |  |

 | [1]   |
| **2)** Put the numbers in the correct positions in the Carroll Diagram:           17     15     8     50

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

 | [1]   |
| **3)** Put the numbers in the correct positions in the Carroll Diagram:           4     32     17     1

|  |  |  |
| --- | --- | --- |
|   | **multiple of 4** | **not a multiple of 4** |
| **factor of 24** |  |  |
| **not a factor of 24** |  |  |

 | [1]   |
| **4)** Put the numbers in the correct positions in the Carroll Diagram:           26     6     48     19

|  |  |  |
| --- | --- | --- |
|   | **greater than 20** | **less than 20** |
| **multiple of 6** |  |  |
| **not a multiple of 6** |  |  |

 | [1]   |
| **5)** Identify the number which is in the wrong position in the Carroll Diagram:

|  |  |  |
| --- | --- | --- |
|   | **greater than 15** | **less than 15** |
| **multiple of 3** | **20** | **9** |
| **not a multiple of 3** | **19** | **11** |

 | [1]   |
| **6)** Put the numbers in the correct positions in the Carroll Diagram:           1     8     12     13     14     21     39

|  |  |  |
| --- | --- | --- |
|   | **multiple of 3** | **not a multiple of 3** |
| **even** |  |  |
| **odd** |  |  |

 | [1]   |

**Solutions for the assessment Carroll diagrams - number properties**

|  |  |
| --- | --- |
| **1)** 18 , 1633 , 23 | **2)** 50 , 815 , 17 |
| **3)** 4 , 132 , 17 | **4)** 48 , 626 , 19 |
| **5)** 20 | **6)** 12,36 8,1439,21 1,13 |