**Carroll diagrams - number properties**

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| **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**

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| **1)**  18 , 16 33 , 23 | **2)**  50 , 8 15 , 17 |
| **3)**  4 , 1 32 , 17 | **4)**  48 , 6 26 , 19 |
| **5)** 20 | **6)** 12,36 8,14 39,21 1,13 |