**Common factors, multiples and primes**

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| Name : | Class : | Date : |

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| Mark : | /10 | % |

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| **1)** Find the factor pairs of 18  Pair 1: ..................     Pair 2: ..................  Pair 3: .................. | [1] |
| **2)** List the first 4 multiples of 20.     .................. | [1] |
| **3)** Write all the numbers that are factors of **both** 32 and 24     .......... | [1] |
| **4)** Give ONE number which is a multiple of **both** of 4 and 10     ......... | [1] |
| **5)** Give ONE number which is a multiple of **both** of 17 and 26     ......... | [1] |
| **6)** What number is a multiple of **both** 3 and 9, but ends in an 8?     ......... | [1] |
| **7)** List all the prime numbers less than 20             .................. | [1] |
| **8)** Find the missing number in the equivalent fractions.                 ? = ......... | [1] |
| **9)** Put the numbers in the correct positions in the Carroll Diagram:             45     14     13     20   |  |  |  | | --- | --- | --- | |  | **multiple of 5** | **not a multiple of 5** | | **multiple of 2** |  |  | | **not a multiple of 2** |  |  | | [1] |
| **10)** Put the numbers in the correct positions in the Carroll Diagram:             26     18     14     42   |  |  |  | | --- | --- | --- | |  | **greater than 20** | **less than 20** | | **multiple of 6** |  |  | | **not a multiple of 6** |  |  | | [1] |

**Solutions for the assessment Common factors, multiples and primes**

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| **1)** 1 18 2 9 3 6 | **2)** 20,40,60,80 |
| **3)** 1,2,4,8 | **4)** 20 or any multiple of 20 |
| **5)** 442 or any multiple of 442 | **6)** 18 |
| **7)** 2,3,5,7,11,13,17,19 | **8)** 20 |
| **9)**  20 , 14 45 , 13 | **10)**  42 , 18 26 , 14 |