**Factors, Multiples and Primes, LCM and HCF**

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| **1)** List all the prime numbers less than 30       | [1]   |
| **2)** List the first 4 multiples of 3.       | [1]   |
| **3)** List all the factors of the following number      a) 5     b) 26 | [2]   |
| **4)** Show the following number as a product of its prime factors      a) 18     b) 21     c) 57 | [3]   |
| **5)** Show the following number as a product of its prime factors in index form       40 | [1]   |
| **6)** Find the Highest Common Factor of the following pair of numbers      a) 15 and 6     b) 16 and 12 | [2]   |
| **7)** Find the Lowest Common Multiple of the following pair of numbers      a) 9 and 15     b) 36 and 38 | [2]   |

**Solutions for the assessment Factors, Multiples and Primes, LCM and HCF**

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| **1)** 2,3,5,7,11,13,17,19,23,29 | **2)** 3,6,9,12 |
| **3)**  a) 1,5 |      b) 1,2,13,26 |
| **4)**  a) 2  $×$ 3  $×$ 3 |      b) 3  $×$ 7 |
|      c) 3  $×$ 19 | **5)** 23 $×$ 5 |
| **6)**  a) 3 |      b) 4 |
| **7)**  a) 45 |      b) 684 |