**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 5 multiples of 6.       | [1]   |
| **3)** List all the factors of the following number      a) 10     b) 10 | [2]   |
| **4)** Show the following number as a product of its prime factors      a) 6     b) 25     c) 57 | [3]   |
| **5)** Show the following number as a product of its prime factors in index form       56 | [1]   |
| **6)** Find the Highest Common Factor of the following pair of numbers      a) 8 and 12     b) 25 and 40 | [2]   |
| **7)** Find the Lowest Common Multiple of the following pair of numbers      a) 18 and 16     b) 18 and 39 | [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)** 6,12,18,24,30 |
| **3)**  a) 1,2,5,10 |      b) 1,2,5,10 |
| **4)**  a) 2  $×$ 3 |      b) 5  $×$ 5 |
|      c) 3  $×$ 19 | **5)** 23 $×$ 7 |
| **6)**  a) 4 |      b) 5 |
| **7)**  a) 144 |      b) 234 |