**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 8. | [1] |
| **3)** List all the factors of the following number       a) 13       b) 21 | [2] |
| **4)** Show the following number as a product of its prime factors       a) 9       b) 24       c) 48 | [3] |
| **5)** Show the following number as a product of its prime factors in index form         49 | [1] |
| **6)** Find the Highest Common Factor of the following pair of numbers       a) 18 and 15       b) 24 and 32 | [2] |
| **7)** Find the Lowest Common Multiple of the following pair of numbers       a) 12 and 8       b) 34 and 10 | [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)** 8,16,24,32 |
| **3)**  a) 1,13 | b) 1,3,7,21 |
| **4)**  a) 3   3 | b) 2   2   2   3 |
| c) 2   2   2   2   3 | **5)** 72 |
| **6)**  a) 3 | b) 8 |
| **7)**  a) 24 | b) 170 |