Numbers, Operations and Relationships

Multiples and Factors (Grade 7)

1. Give the first 10 multiples for each of the following numbers:

    a)   13   b)   413   c)   65

    d)   687   e)   257   f)   827

    g)   78   h)   519   i)   58

    j)   720   k)   900   l)   17

2. Find all the factors of each of the following numbers:

    a)   94   b)   900   c)   553

    d)   32   e)   165   f)   600

    g)   403   h)   231   i)   909

    j)   185   k)   824   l)   244

3. Find the prime factors of each of the following numbers:

    a)   609   b)   858   c)   232

    d)   975   e)   836   f)   370

    g)   313   h)   722   i)   72

    j)   287   k)   253   l)   529

4. Find the lowest common multiple and highest common factor of each of the following number pairs:

    a)   609 and 406   b)   965 and 579   c)   832 and 520

    d)   812 and 840   e)   783 and 522   f)   264 and 660

    g)   378 and 462   h)   574 and 492   i)   160 and 120

    j)   889 and 762   k)   99 and 165   l)   986 and 510