1) List all the prime numbers less than 20   [1]

2) Is the following number a prime number? Answer yes or no.   [1]
   27

3) Find the factor pairs of 2   [1]

4) Find the factor pairs of 14   [1]

5) Find the factor pairs of 46   [1]

6) List all the factors of the following number   [3]
   a) 3
   b) 39
   c) 44

7) List the first 6 multiples of 7.   [1]

8) List the first 4 multiples of 13.   [1]
9) Complete the table.

<table>
<thead>
<tr>
<th></th>
<th>is multiple of 2</th>
<th>is multiple of 5</th>
<th>is multiple of 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>775</td>
<td>no</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>438</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) Complete the table.

<table>
<thead>
<tr>
<th></th>
<th>is multiple of 3</th>
<th>is multiple of 4</th>
<th>is multiple of 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>228</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>153</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>972</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Solutions for the assessment Factors, Multiples and Primes

1) 2,3,5,7,11,13,17,19

2) no

3) 1 2

4) 1 14 2 7

5) 1 46 2 23

6) a) 1,3
   b) 1,3,13,39
   c) 1,2,4,11,22,44

7) 7,14,21,28,35,42

8) 13,26,39,52

9) no
   yes, no, no
   yes, yes, yes

10) yes, no, yes
    yes, yes, yes