

Lista II

0-123456789012-3

1. Adição

$$\begin{array}{r} 2) 10 + 10 \\ + 11 \\ \hline 101 \end{array}$$

$$\begin{array}{r} b) 100 + 111 \\ + 111 \\ \hline 1011 \end{array}$$

$$\begin{array}{r} c) 100 + 11 \\ + 11 \\ \hline 1111 \end{array}$$

$$\begin{array}{r} d) 1111 + 11 \\ + 11 \\ \hline 10010 \end{array}$$

$$\begin{array}{r} e) 101 + 101 \\ + 101 \\ \hline 1010 \end{array}$$

2. Subtração

a) $101 - 11$

$\overset{2}{1}01$	5
$- 11$	$- 3$
<hr/> 010	<hr/> 2

b) $1111 - 11$

1111	15
$- 11$	$- 3$
<hr/> 1100	<hr/> 12

c) $1011 - 10$

1011	11
$- 10$	$- 2$
<hr/> 1001	<hr/> 9

d) $1111 - 111$

1111	15
$- 111$	$- 7$
<hr/> 1000	<hr/> 8

e) $1011 - 111$

$\overset{2}{1}011$	11
$- 111$	$- 7$
<hr/> 100	<hr/> 4

3- Multiplicação

a) 11×11

11	3
$\times 11$	$\times 3$
<u>11</u>	<u>9</u>
$11 +$	
<u>1001</u>	

b) 1000×11

1000	8
$\times 11$	$\times 3$
<u>1000</u>	<u>24</u>
$1000 +$	
<u>11000</u>	

c) 101×10

101	5
$\times 10$	$\times 2$
<u>000</u>	<u>10</u>
$101 +$	
<u>1010</u>	

d) 1110×10

1110	14
$\times 10$	$\times 2$
<u>11100</u>	<u>28</u>

e) 1111×11

1111	15
$\times 11$	$\times 2$
<u>1111</u>	<u>45</u>
$1111 +$	
<u>101101</u>	