x direction

```
              1   1 ← 1 ←
  r  S  2  0  0  0  1  (7  S
     0  0  0  0  0  0  1   1
  _____
  r  S  2  0  0  1  0  7  4
```

1 on 5 → 14

...cause the 7 has two 1's (the one below, plus the o...
...ed over) just do nothing to the 7 and carry o...
...1 to the next digit

1 on 1 → 10

1 on 0 → 1

0's on everything else