

1. Lily plans to spend all of her \$31 to buy different types of pens that cost \$2, \$3 and \$4 respectively. If she wants to buy at least 1 pen of each type, what is the maximum number of pens that she can buy?

Answer: 14

2. a , b and c are two-digit numbers. The unit digit of a is 7, the unit digit of b is 5 and the tens digit of c is 1. If $a \times b + c = 2006$, find the value of $a + b + c$.

Answer: 103