

## 2425: Number of Lasers Beans in a Bank

~~0 1 1 0 0 1~~  
~~0 0 0 0 0 0~~  
~~0 1 0 1 0 0~~  
~~0 0 1 0 0 0~~

3 2 1

$$3 \times 2 + 2 \times 1$$

~~1 1 1 1~~  
~~0 0 0 0~~  
~~1 1 0 0~~  
~~0 0 0 1~~  
~~1 0 0 1~~

$$4 \times 2 + 2 \times 1 + 1 \times 2$$

$$= 8 + 2 + 2$$

$$= 12$$

~~1 1 1~~  
~~1 1 1~~  
~~1 1 1~~  
~~1 1 1~~

$$3 \times 3 + 3 \times 3 = a + a = 18$$