2015

```
7
                                    - 3
                                            30
                                                    (210
                                                             ).
                           :
7
6-7
5-6
4
2-3
1
         1
                                          6
                                3
                                                                                          ?
                      7
       2 2015
                      7
      :
                                                                                       2015 = 11 ·
                             11
183 + 2,
                                                      2
                                    11.
```

. – 1 .

3 2015 **:** 2, 3 1) 2) 3) $4^9 + 6^{10} + 3^{20}$ $4^9 + 6^{10} + 3^{20} = (2^9)^2 + 2 \cdot 2^9 \cdot 3^{10} + (3^{10})^2 = (2^9 + 3^{10})^2.$ $2^9 + 3^{10} -$ 5 : 2; 2; 3; 3; 3; 4; 4; 4; 4; 5; 5; 5; 5; 5. 7

 $2 \cdot 2 + 3 \cdot 3 + 4 \cdot 4 + 5 \cdot 5 = 54.$ $54 \cdot 2 = 108.$

7,

108 7.