

N1.

$$(\sqrt{2+\sqrt{3}})^r + (\sqrt{2-\sqrt{3}})^r = 14.$$

N2

11, 13, 24, 37, 61, 98, 159, 267, 416, 743,
1189, 1962, 1827, 1915, 2015

$$n1. (\sqrt{2+\sqrt{3}})^r + (\sqrt{2-\sqrt{3}})^r = 14$$

$$((\sqrt{2+\sqrt{3}}) + (\sqrt{2-\sqrt{3}}))((\sqrt{2+\sqrt{3}}) - (\sqrt{2-\sqrt{3}})) = 14$$

n2

11, 13, 24, 37, 61, 98, 159, 257, 416, 773, 1189, 1965, 3152, 5141, 8293, 13434, 21727, 35161, 56888, 92015

№1

$$(\sqrt{2 + \sqrt{3}})^r + (\sqrt{2 - \sqrt{3}})^r = 14$$

№2

1) число равно сумме двух предыдущих:

11, 13, 24, 37, 61, 98, 159, 257, 416, 673, 1089, 1762.

2) прибавляем.

$$1762 + 159 = 1921$$

$$1921 + 61 = 1982$$

$$1982 + 11 + 11 + 11 = 2015$$

№3.

