```
> # 連続素数の性質
>
> c := 0 : for h from 1 to 100 do ph1 := ithprime(h) : ph2 := ithprime(h + 1) : ph3
    := ithprime(h + 2) : P3 := 2·ph1 + ph2^2 + 2·ph3 :if floor(evalf(P3^(1/2)))^2 = P3
  then c := c + 1 : print(No = c, {2}·[ph1] + [ph2]^2 + [2]{ph3}
  = [simplify(P3^(1/2))]^2) fi:od:
```

$$No = 1,\ \{2\}\,[5] + [7]^2 + [2]\,\{11\} = [9]^2$$
$$No = 2,\ \{2\}\,[11] + [13]^2 + [2]\,\{17\} = [15]^2$$
$$No = 3,\ \{2\}\,[17] + [19]^2 + [2]\,\{23\} = [21]^2$$
$$No = 4,\ \{2\}\,[19] + [23]^2 + [2]\,\{29\} = [25]^2$$
$$No = 5,\ \{2\}\,[41] + [43]^2 + [2]\,\{47\} = [45]^2$$
$$No = 6,\ \{2\}\,[43] + [47]^2 + [2]\,\{53\} = [49]^2$$
$$No = 7,\ \{2\}\,[79] + [83]^2 + [2]\,\{89\} = [85]^2$$
$$No = 8,\ \{2\}\,[83] + [89]^2 + [2]\,\{97\} = [91]^2$$
$$No = 9,\ \{2\}\,[101] + [103]^2 + [2]\,\{107\} = [105]^2$$
$$No = 10,\ \{2\}\,[107] + [109]^2 + [2]\,\{113\} = [111]^2$$
$$No = 11,\ \{2\}\,[127] + [131]^2 + [2]\,\{137\} = [133]^2$$
$$No = 12,\ \{2\}\,[163] + [167]^2 + [2]\,\{173\} = [169]^2$$
$$No = 13,\ \{2\}\,[191] + [193]^2 + [2]\,\{197\} = [195]^2$$
$$No = 14,\ \{2\}\,[227] + [229]^2 + [2]\,\{233\} = [231]^2$$
$$No = 15,\ \{2\}\,[229] + [233]^2 + [2]\,\{239\} = [235]^2$$
$$No = 16,\ \{2\}\,[311] + [313]^2 + [2]\,\{317\} = [315]^2$$
$$No = 17,\ \{2\}\,[347] + [349]^2 + [2]\,\{353\} = [351]^2$$
$$No = 18,\ \{2\}\,[349] + [353]^2 + [2]\,\{359\} = [355]^2$$
$$No = 19,\ \{2\}\,[353] + [359]^2 + [2]\,\{367\} = [361]^2$$
$$No = 20,\ \{2\}\,[379] + [383]^2 + [2]\,\{389\} = [385]^2$$
$$No = 21,\ \{2\}\,[383] + [389]^2 + [2]\,\{397\} = [391]^2$$
$$No = 22,\ \{2\}\,[401] + [409]^2 + [2]\,\{419\} = [411]^2$$
$$No = 23,\ \{2\}\,[439] + [443]^2 + [2]\,\{449\} = [445]^2$$
$$No = 24,\ \{2\}\,[443] + [449]^2 + [2]\,\{457\} = [451]^2$$
$$No = 25,\ \{2\}\,[461] + [463]^2 + [2]\,\{467\} = [465]^2$$
$$No = 26,\ \{2\}\,[499] + [503]^2 + [2]\,\{509\} = [505]^2 \qquad \textbf{(1)}$$

```
> c := 0 : for h1 from 1 to 8 do ph1 := ithprime(h1) :for h2 from h1 + 1 to 1000 do ph2
    := ithprime(h2) : for h3 from h2 + 1 to 1000 do ph3 := ithprime(h3) : n := 0 : for e
  from 1 to 5 do if isprime(ph1^e + ph2^e + ph3^e) then n := n + 1 fi:od:if n = 5 then c := c
  + 1 : print( ) :for e from 1 to 5 do print(ph1[。]^e + ph2[。]^e + ph3[。]^e
  = prime[c][[e]]) :od fi:od:od:od:
```

$$3_\circ + 13_\circ + 1303_\circ = prime_{1_{[1]}}$$
$$3_\circ^2 + 13_\circ^2 + 1303_\circ^2 = prime_{1_{[2]}}$$
$$3_\circ^3 + 13_\circ^3 + 1303_\circ^3 = prime_{1_{[3]}}$$
$$3_\circ^4 + 13_\circ^4 + 1303_\circ^4 = prime_{1_{[4]}}$$
$$3_\circ^5 + 13_\circ^5 + 1303_\circ^5 = prime_{1_{[5]}}$$

$$3_\circ + 107_\circ + 173_\circ = prime_{2_{[1]}}$$
$$3_\circ^2 + 107_\circ^2 + 173_\circ^2 = prime_{2_{[2]}}$$
$$3_\circ^3 + 107_\circ^3 + 173_\circ^3 = prime_{2_{[3]}}$$
$$3_\circ^4 + 107_\circ^4 + 173_\circ^4 = prime_{2_{[4]}}$$
$$3_\circ^5 + 107_\circ^5 + 173_\circ^5 = prime_{2_{[5]}}$$

$$3_\circ + 137_\circ + 503_\circ = prime_{3_{[1]}}$$
$$3_\circ^2 + 137_\circ^2 + 503_\circ^2 = prime_{3_{[2]}}$$
$$3_\circ^3 + 137_\circ^3 + 503_\circ^3 = prime_{3_{[3]}}$$
$$3_\circ^4 + 137_\circ^4 + 503_\circ^4 = prime_{3_{[4]}}$$
$$3_\circ^5 + 137_\circ^5 + 503_\circ^5 = prime_{3_{[5]}}$$

$$3_\circ + 193_\circ + 613_\circ = prime_{4_{[1]}}$$
$$3_\circ^2 + 193_\circ^2 + 613_\circ^2 = prime_{4_{[2]}}$$
$$3_\circ^3 + 193_\circ^3 + 613_\circ^3 = prime_{4_{[3]}}$$
$$3_\circ^4 + 193_\circ^4 + 613_\circ^4 = prime_{4_{[4]}}$$
$$3_\circ^5 + 193_\circ^5 + 613_\circ^5 = prime_{4_{[5]}}$$

$$3_\circ + 193_\circ + 4297_\circ = prime_{5_{[1]}}$$
$$3_\circ^2 + 193_\circ^2 + 4297_\circ^2 = prime_{5_{[2]}}$$
$$3_\circ^3 + 193_\circ^3 + 4297_\circ^3 = prime_{5_{[3]}}$$
$$3_\circ^4 + 193_\circ^4 + 4297_\circ^4 = prime_{5_{[4]}}$$
$$3_\circ^5 + 193_\circ^5 + 4297_\circ^5 = prime_{5_{[5]}}$$

$$3_\circ + 293_\circ + 1733_\circ = prime_{6_{[1]}}$$
$$3_\circ^2 + 293_\circ^2 + 1733_\circ^2 = prime_{6_{[2]}}$$
$$3_\circ^3 + 293_\circ^3 + 1733_\circ^3 = prime_{6_{[3]}}$$
$$3_\circ^4 + 293_\circ^4 + 1733_\circ^4 = prime_{6_{[4]}}$$
$$3_\circ^5 + 293_\circ^5 + 1733_\circ^5 = prime_{6_{[5]}}$$

$$3_\circ + 349_\circ + 6247_\circ = prime_{7_{[1]}}$$
$$3_\circ^2 + 349_\circ^2 + 6247_\circ^2 = prime_{7_{[2]}}$$
$$3_\circ^3 + 349_\circ^3 + 6247_\circ^3 = prime_{7_{[3]}}$$
$$3_\circ^4 + 349_\circ^4 + 6247_\circ^4 = prime_{7_{[4]}}$$
$$3_\circ^5 + 349_\circ^5 + 6247_\circ^5 = prime_{7_{[5]}}$$

$$3_\circ + 577_\circ + 4423_\circ = prime_{8_{[1]}}$$
$$3_\circ^2 + 577_\circ^2 + 4423_\circ^2 = prime_{8_{[2]}}$$
$$3_\circ^3 + 577_\circ^3 + 4423_\circ^3 = prime_{8_{[3]}}$$
$$3_\circ^4 + 577_\circ^4 + 4423_\circ^4 = prime_{8_{[4]}}$$
$$3_\circ^5 + 577_\circ^5 + 4423_\circ^5 = prime_{8_{[5]}}$$

$$3_\circ + 607_\circ + 3313_\circ = prime_{9_{[1]}}$$
$$3_\circ^2 + 607_\circ^2 + 3313_\circ^2 = prime_{9_{[2]}}$$
$$3_\circ^3 + 607_\circ^3 + 3313_\circ^3 = prime_{9_{[3]}}$$
$$3_\circ^4 + 607_\circ^4 + 3313_\circ^4 = prime_{9_{[4]}}$$
$$3_\circ^5 + 607_\circ^5 + 3313_\circ^5 = prime_{9_{[5]}}$$

$$3_\circ + 809_\circ + 6581_\circ = prime_{10_{[1]}}$$
$$3_\circ^2 + 809_\circ^2 + 6581_\circ^2 = prime_{10_{[2]}}$$
$$3_\circ^3 + 809_\circ^3 + 6581_\circ^3 = prime_{10_{[3]}}$$
$$3_\circ^4 + 809_\circ^4 + 6581_\circ^4 = prime_{10_{[4]}}$$

$$3_{\circ}^{5} + 809_{\circ}^{5} + 6581_{\circ}^{5} = prime_{10_{[5]}}$$

$$3_{\circ} + 829_{\circ} + 5737_{\circ} = prime_{11_{[1]}}$$
$$3_{\circ}^{2} + 829_{\circ}^{2} + 5737_{\circ}^{2} = prime_{11_{[2]}}$$
$$3_{\circ}^{3} + 829_{\circ}^{3} + 5737_{\circ}^{3} = prime_{11_{[3]}}$$
$$3_{\circ}^{4} + 829_{\circ}^{4} + 5737_{\circ}^{4} = prime_{11_{[4]}}$$
$$3_{\circ}^{5} + 829_{\circ}^{5} + 5737_{\circ}^{5} = prime_{11_{[5]}}$$

$$3_{\circ} + 907_{\circ} + 2389_{\circ} = prime_{12_{[1]}}$$
$$3_{\circ}^{2} + 907_{\circ}^{2} + 2389_{\circ}^{2} = prime_{12_{[2]}}$$
$$3_{\circ}^{3} + 907_{\circ}^{3} + 2389_{\circ}^{3} = prime_{12_{[3]}}$$
$$3_{\circ}^{4} + 907_{\circ}^{4} + 2389_{\circ}^{4} = prime_{12_{[4]}}$$
$$3_{\circ}^{5} + 907_{\circ}^{5} + 2389_{\circ}^{5} = prime_{12_{[5]}}$$

$$3_{\circ} + 1429_{\circ} + 3511_{\circ} = prime_{13_{[1]}}$$
$$3_{\circ}^{2} + 1429_{\circ}^{2} + 3511_{\circ}^{2} = prime_{13_{[2]}}$$
$$3_{\circ}^{3} + 1429_{\circ}^{3} + 3511_{\circ}^{3} = prime_{13_{[3]}}$$
$$3_{\circ}^{4} + 1429_{\circ}^{4} + 3511_{\circ}^{4} = prime_{13_{[4]}}$$
$$3_{\circ}^{5} + 1429_{\circ}^{5} + 3511_{\circ}^{5} = prime_{13_{[5]}}$$

$$3_{\circ} + 1481_{\circ} + 4967_{\circ} = prime_{14_{[1]}}$$
$$3_{\circ}^{2} + 1481_{\circ}^{2} + 4967_{\circ}^{2} = prime_{14_{[2]}}$$
$$3_{\circ}^{3} + 1481_{\circ}^{3} + 4967_{\circ}^{3} = prime_{14_{[3]}}$$
$$3_{\circ}^{4} + 1481_{\circ}^{4} + 4967_{\circ}^{4} = prime_{14_{[4]}}$$
$$3_{\circ}^{5} + 1481_{\circ}^{5} + 4967_{\circ}^{5} = prime_{14_{[5]}}$$

$$3_{\circ} + 1601_{\circ} + 3917_{\circ} = prime_{15_{[1]}}$$
$$3_{\circ}^{2} + 1601_{\circ}^{2} + 3917_{\circ}^{2} = prime_{15_{[2]}}$$
$$3_{\circ}^{3} + 1601_{\circ}^{3} + 3917_{\circ}^{3} = prime_{15_{[3]}}$$

$$3_{\circ}^{4} + 1601_{\circ}^{4} + 3917_{\circ}^{4} = prime_{15_{[4]}}$$
$$3_{\circ}^{5} + 1601_{\circ}^{5} + 3917_{\circ}^{5} = prime_{15_{[5]}}$$

$$3_{\circ} + 1783_{\circ} + 2473_{\circ} = prime_{16_{[1]}}$$
$$3_{\circ}^{2} + 1783_{\circ}^{2} + 2473_{\circ}^{2} = prime_{16_{[2]}}$$
$$3_{\circ}^{3} + 1783_{\circ}^{3} + 2473_{\circ}^{3} = prime_{16_{[3]}}$$
$$3_{\circ}^{4} + 1783_{\circ}^{4} + 2473_{\circ}^{4} = prime_{16_{[4]}}$$
$$3_{\circ}^{5} + 1783_{\circ}^{5} + 2473_{\circ}^{5} = prime_{16_{[5]}}$$

$$3_{\circ} + 1877_{\circ} + 4547_{\circ} = prime_{17_{[1]}}$$
$$3_{\circ}^{2} + 1877_{\circ}^{2} + 4547_{\circ}^{2} = prime_{17_{[2]}}$$
$$3_{\circ}^{3} + 1877_{\circ}^{3} + 4547_{\circ}^{3} = prime_{17_{[3]}}$$
$$3_{\circ}^{4} + 1877_{\circ}^{4} + 4547_{\circ}^{4} = prime_{17_{[4]}}$$
$$3_{\circ}^{5} + 1877_{\circ}^{5} + 4547_{\circ}^{5} = prime_{17_{[5]}}$$

$$3_{\circ} + 2237_{\circ} + 5351_{\circ} = prime_{18_{[1]}}$$
$$3_{\circ}^{2} + 2237_{\circ}^{2} + 5351_{\circ}^{2} = prime_{18_{[2]}}$$
$$3_{\circ}^{3} + 2237_{\circ}^{3} + 5351_{\circ}^{3} = prime_{18_{[3]}}$$
$$3_{\circ}^{4} + 2237_{\circ}^{4} + 5351_{\circ}^{4} = prime_{18_{[4]}}$$
$$3_{\circ}^{5} + 2237_{\circ}^{5} + 5351_{\circ}^{5} = prime_{18_{[5]}}$$

$$3_{\circ} + 2267_{\circ} + 4493_{\circ} = prime_{19_{[1]}}$$
$$3_{\circ}^{2} + 2267_{\circ}^{2} + 4493_{\circ}^{2} = prime_{19_{[2]}}$$
$$3_{\circ}^{3} + 2267_{\circ}^{3} + 4493_{\circ}^{3} = prime_{19_{[3]}}$$
$$3_{\circ}^{4} + 2267_{\circ}^{4} + 4493_{\circ}^{4} = prime_{19_{[4]}}$$
$$3_{\circ}^{5} + 2267_{\circ}^{5} + 4493_{\circ}^{5} = prime_{19_{[5]}}$$

$$3_{\circ} + 2339_{\circ} + 6551_{\circ} = prime_{20_{[1]}}$$
$$3_{\circ}^{2} + 2339_{\circ}^{2} + 6551_{\circ}^{2} = prime_{20_{[2]}}$$

$$3_{\circ}^{3} + 2339_{\circ}^{3} + 6551_{\circ}^{3} = prime_{20_{[3]}}$$
$$3_{\circ}^{4} + 2339_{\circ}^{4} + 6551_{\circ}^{4} = prime_{20_{[4]}}$$
$$3_{\circ}^{5} + 2339_{\circ}^{5} + 6551_{\circ}^{5} = prime_{20_{[5]}}$$

$$3_{\circ} + 2341_{\circ} + 2917_{\circ} = prime_{21_{[1]}}$$
$$3_{\circ}^{2} + 2341_{\circ}^{2} + 2917_{\circ}^{2} = prime_{21_{[2]}}$$
$$3_{\circ}^{3} + 2341_{\circ}^{3} + 2917_{\circ}^{3} = prime_{21_{[3]}}$$
$$3_{\circ}^{4} + 2341_{\circ}^{4} + 2917_{\circ}^{4} = prime_{21_{[4]}}$$
$$3_{\circ}^{5} + 2341_{\circ}^{5} + 2917_{\circ}^{5} = prime_{21_{[5]}}$$

$$3_{\circ} + 2467_{\circ} + 2551_{\circ} = prime_{22_{[1]}}$$
$$3_{\circ}^{2} + 2467_{\circ}^{2} + 2551_{\circ}^{2} = prime_{22_{[2]}}$$
$$3_{\circ}^{3} + 2467_{\circ}^{3} + 2551_{\circ}^{3} = prime_{22_{[3]}}$$
$$3_{\circ}^{4} + 2467_{\circ}^{4} + 2551_{\circ}^{4} = prime_{22_{[4]}}$$
$$3_{\circ}^{5} + 2467_{\circ}^{5} + 2551_{\circ}^{5} = prime_{22_{[5]}}$$

$$3_{\circ} + 2713_{\circ} + 3373_{\circ} = prime_{23_{[1]}}$$
$$3_{\circ}^{2} + 2713_{\circ}^{2} + 3373_{\circ}^{2} = prime_{23_{[2]}}$$
$$3_{\circ}^{3} + 2713_{\circ}^{3} + 3373_{\circ}^{3} = prime_{23_{[3]}}$$
$$3_{\circ}^{4} + 2713_{\circ}^{4} + 3373_{\circ}^{4} = prime_{23_{[4]}}$$
$$3_{\circ}^{5} + 2713_{\circ}^{5} + 3373_{\circ}^{5} = prime_{23_{[5]}}$$

$$3_{\circ} + 3167_{\circ} + 7229_{\circ} = prime_{24_{[1]}}$$
$$3_{\circ}^{2} + 3167_{\circ}^{2} + 7229_{\circ}^{2} = prime_{24_{[2]}}$$
$$3_{\circ}^{3} + 3167_{\circ}^{3} + 7229_{\circ}^{3} = prime_{24_{[3]}}$$
$$3_{\circ}^{4} + 3167_{\circ}^{4} + 7229_{\circ}^{4} = prime_{24_{[4]}}$$
$$3_{\circ}^{5} + 3167_{\circ}^{5} + 7229_{\circ}^{5} = prime_{24_{[5]}}$$

$$3_{\circ} + 3361_{\circ} + 7027_{\circ} = prime_{25_{[1]}}$$

$$3_{\circ}^{2} + 3361_{\circ}^{2} + 7027_{\circ}^{2} = prime_{25_{[2]}}$$
$$3_{\circ}^{3} + 3361_{\circ}^{3} + 7027_{\circ}^{3} = prime_{25_{[3]}}$$
$$3_{\circ}^{4} + 3361_{\circ}^{4} + 7027_{\circ}^{4} = prime_{25_{[4]}}$$
$$3_{\circ}^{5} + 3361_{\circ}^{5} + 7027_{\circ}^{5} = prime_{25_{[5]}}$$

$$3_{\circ} + 3539_{\circ} + 4751_{\circ} = prime_{26_{[1]}}$$
$$3_{\circ}^{2} + 3539_{\circ}^{2} + 4751_{\circ}^{2} = prime_{26_{[2]}}$$
$$3_{\circ}^{3} + 3539_{\circ}^{3} + 4751_{\circ}^{3} = prime_{26_{[3]}}$$
$$3_{\circ}^{4} + 3539_{\circ}^{4} + 4751_{\circ}^{4} = prime_{26_{[4]}}$$
$$3_{\circ}^{5} + 3539_{\circ}^{5} + 4751_{\circ}^{5} = prime_{26_{[5]}}$$

$$3_{\circ} + 3877_{\circ} + 5839_{\circ} = prime_{27_{[1]}}$$
$$3_{\circ}^{2} + 3877_{\circ}^{2} + 5839_{\circ}^{2} = prime_{27_{[2]}}$$
$$3_{\circ}^{3} + 3877_{\circ}^{3} + 5839_{\circ}^{3} = prime_{27_{[3]}}$$
$$3_{\circ}^{4} + 3877_{\circ}^{4} + 5839_{\circ}^{4} = prime_{27_{[4]}}$$
$$3_{\circ}^{5} + 3877_{\circ}^{5} + 5839_{\circ}^{5} = prime_{27_{[5]}}$$

$$3_{\circ} + 3911_{\circ} + 4049_{\circ} = prime_{28_{[1]}}$$
$$3_{\circ}^{2} + 3911_{\circ}^{2} + 4049_{\circ}^{2} = prime_{28_{[2]}}$$
$$3_{\circ}^{3} + 3911_{\circ}^{3} + 4049_{\circ}^{3} = prime_{28_{[3]}}$$
$$3_{\circ}^{4} + 3911_{\circ}^{4} + 4049_{\circ}^{4} = prime_{28_{[4]}}$$
$$3_{\circ}^{5} + 3911_{\circ}^{5} + 4049_{\circ}^{5} = prime_{28_{[5]}}$$

$$3_{\circ} + 4013_{\circ} + 4877_{\circ} = prime_{29_{[1]}}$$
$$3_{\circ}^{2} + 4013_{\circ}^{2} + 4877_{\circ}^{2} = prime_{29_{[2]}}$$
$$3_{\circ}^{3} + 4013_{\circ}^{3} + 4877_{\circ}^{3} = prime_{29_{[3]}}$$
$$3_{\circ}^{4} + 4013_{\circ}^{4} + 4877_{\circ}^{4} = prime_{29_{[4]}}$$
$$3_{\circ}^{5} + 4013_{\circ}^{5} + 4877_{\circ}^{5} = prime_{29_{[5]}}$$

$$3_{\circ} + 4093_{\circ} + 4603_{\circ} = prime_{30_{[1]}}$$

$$3_{\circ}^2 + 4093_{\circ}^2 + 4603_{\circ}^2 = prime_{30_{[2]}}$$

$$3_{\circ}^3 + 4093_{\circ}^3 + 4603_{\circ}^3 = prime_{30_{[3]}}$$

$$3_{\circ}^4 + 4093_{\circ}^4 + 4603_{\circ}^4 = prime_{30_{[4]}}$$

$$3_{\circ}^5 + 4093_{\circ}^5 + 4603_{\circ}^5 = prime_{30_{[5]}}$$

$$3_{\circ} + 4357_{\circ} + 6619_{\circ} = prime_{31_{[1]}}$$

$$3_{\circ}^2 + 4357_{\circ}^2 + 6619_{\circ}^2 = prime_{31_{[2]}}$$

$$3_{\circ}^3 + 4357_{\circ}^3 + 6619_{\circ}^3 = prime_{31_{[3]}}$$

$$3_{\circ}^4 + 4357_{\circ}^4 + 6619_{\circ}^4 = prime_{31_{[4]}}$$

$$3_{\circ}^5 + 4357_{\circ}^5 + 6619_{\circ}^5 = prime_{31_{[5]}}$$

$$3_{\circ} + 4423_{\circ} + 5407_{\circ} = prime_{32_{[1]}}$$

$$3_{\circ}^2 + 4423_{\circ}^2 + 5407_{\circ}^2 = prime_{32_{[2]}}$$

$$3_{\circ}^3 + 4423_{\circ}^3 + 5407_{\circ}^3 = prime_{32_{[3]}}$$

$$3_{\circ}^4 + 4423_{\circ}^4 + 5407_{\circ}^4 = prime_{32_{[4]}}$$

$$3_{\circ}^5 + 4423_{\circ}^5 + 5407_{\circ}^5 = prime_{32_{[5]}}$$

$$3_{\circ} + 7247_{\circ} + 7529_{\circ} = prime_{33_{[1]}}$$

$$3_{\circ}^2 + 7247_{\circ}^2 + 7529_{\circ}^2 = prime_{33_{[2]}}$$

$$3_{\circ}^3 + 7247_{\circ}^3 + 7529_{\circ}^3 = prime_{33_{[3]}}$$

$$3_{\circ}^4 + 7247_{\circ}^4 + 7529_{\circ}^4 = prime_{33_{[4]}}$$

$$3_{\circ}^5 + 7247_{\circ}^5 + 7529_{\circ}^5 = prime_{33_{[5]}}$$

Warning, computation interrupted

```
> for h from 1 to 1000 do p1 := ithprime(h) : p2 := ithprime(h + 1) : p3 := ithprime(h
      + 2) : p4 := ithprime(h + 3) : p5 := ithprime(h + 4) : p6 := ithprime(h + 5) :if p1
      + 2 = p2 and p3 + 2 ≠ p4 and p5 + 2 = p6 then print([[p1, p2], p3, p4, [p5, p6]]) fi:
    od:
```

```
[[41, 43], 47, 53, [59, 61]]
[[197, 199], 211, 223, [227, 229]]
[[281, 283], 293, 307, [311, 313]]
[[599, 601], 607, 613, [617, 619]]
[[641, 643], 647, 653, [659, 661]]
```

[[827, 829], 839, 853, [857, 859]]
[[857, 859], 863, 877, [881, 883]]
[[1061, 1063], 1069, 1087, [1091, 1093]]
[[1451, 1453], 1459, 1471, [1481, 1483]]
[[2237, 2239], 2243, 2251, [2267, 2269]]
[[2549, 2551], 2557, 2579, [2591, 2593]]
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[[3329, 3331], 3343, 3347, [3359, 3361]]
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[[4001, 4003], 4007, 4013, [4019, 4021]]
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[[5849, 5851], 5857, 5861, [5867, 5869]]
[[6269, 6271], 6277, 6287, [6299, 6301]]
[[6659, 6661], 6673, 6679, [6689, 6691]]
[[6791, 6793], 6803, 6823, [6827, 6829]]
[[7457, 7459], 7477, 7481, [7487, 7489]] **(2)**

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