

№	Решение на языке PascalABC.NET	Решение на языке Python	Ответ												
1.	<pre>var n,i,j,p,r: integer; begin for i:=292217 to 292269 do begin n:=0; r:=r+1; for j:=2 to i do begin if (i mod j)=0 then begin n:=n+1; if n>1 then break; p:=j; end; end; if n=1 then writeln(r, ' ',p); end; end. end.</pre>	<pre>r = 0 for i in range(292217, 292270): r += 1 n = 0 for j in range(2, i + 1): if i % j == 0: n += 1 if n > 1: break p = j if n == 1: print(r, p)</pre>	<table border="1"> <tr><td>7</td><td>292223</td></tr> <tr><td>15</td><td>292231</td></tr> <tr><td>25</td><td>292241</td></tr> <tr><td>33</td><td>292249</td></tr> <tr><td>51</td><td>292267</td></tr> </table>	7	292223	15	292231	25	292241	33	292249	51	292267		
7	292223														
15	292231														
25	292241														
33	292249														
51	292267														
2.	<pre>var n,i,j: integer; d: array[1..2] of integer; begin for i:=341649 to 341685 do begin n:= 0; for j:=2 to (i div 2) do begin if (i mod j)=0 then begin n:=n+1; if n>2 then break; d[n]:=j; end; end; if n=2 then begin for j:=1 to 2 do write(d[j], ' '); writeln(); end; end. end.</pre>	<pre>for i in range(341649, 341686): n = 0 m = [] for j in range(2, i//2 + 1): if i % j == 0: m.append(j) n += 1 if n > 2: break if n == 2: print(m[0], m[1])</pre>	<table border="1"> <tr><td>2</td><td>170827</td></tr> <tr><td>149</td><td>2293</td></tr> <tr><td>7</td><td>48809</td></tr> <tr><td>59</td><td>5791</td></tr> <tr><td>3</td><td>113891</td></tr> <tr><td>2</td><td>170837</td></tr> </table>	2	170827	149	2293	7	48809	59	5791	3	113891	2	170837
2	170827														
149	2293														
7	48809														
59	5791														
3	113891														
2	170837														
3.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=335803 to 335885 do begin n:= 0; for j:=2 to (i div 2) do begin if (i mod j)=0 then begin n:=n+1; if n>4 then break; d[n]:=j; end; end; if n=4 then begin for j:=1 to 4 do write(d[j], ' '); writeln(); end; end. end.</pre>	<pre>for i in range(335803, 335886): n = 0 m = [] for j in range(2, i//2 + 1): if i % j == 0: m.append(j) n += 1 if n > 4: break if n == 4: for k in range(0, 4): print(m[k],end=' ') print()</pre>	<table border="1"> <tr><td>13</td><td>169</td><td>1987</td><td>25831</td></tr> <tr><td>3</td><td>9</td><td>37313</td><td>111939</td></tr> <tr><td>2</td><td>4</td><td>83969</td><td>167938</td></tr> </table>	13	169	1987	25831	3	9	37313	111939	2	4	83969	167938
13	169	1987	25831												
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2	4	83969	167938												

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4.	<pre>var n,i,j: integer; d: array[1..2] of integer; begin for i:=310665 to 310690 do begin n:= 0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>2 then break; d[n]:=j; end; end; if n=2 then begin for j:=1 to 2 do write(d[j], ' '); writeln(); end; end. end.</pre>	<pre>for i in range(310665, 310691): n = 0 m = [] for j in range(3,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 2: break if n == 2: print(*m)</pre>	<table border="1"> <tr><td>7</td><td>44381</td></tr> <tr><td>67</td><td>4637</td></tr> <tr><td>7</td><td>44383</td></tr> <tr><td>3</td><td>103561</td></tr> <tr><td>5</td><td>62137</td></tr> <tr><td>13</td><td>23899</td></tr> </table>	7	44381	67	4637	7	44383	3	103561	5	62137	13	23899
7	44381														
67	4637														
7	44383														
3	103561														
5	62137														
13	23899														
5.	<pre>var n,i,j: integer; d: array[1..2] of integer; begin for i:=144720 to 146884 do begin n:= 0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=0) then begin n:=n+1; if n>2 then break; d[n]:=j; end; end; if n=2 then begin for j:=1 to 2 do write(d[j], ' '); writeln(); end; end. end.</pre>	<pre>for i in range(144720, 146885): n = 0 m = [] for j in range(2,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 2: break if n == 2: print(*m)</pre>	<table border="1"> <tr><td>2</td><td>538</td></tr> <tr><td>2</td><td>542</td></tr> </table>	2	538	2	542								
2	538														
2	542														
6.	<pre>var n,i,j: integer; d: array[1..3] of integer; begin for i:=326995 to 327013 do begin n:= 0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>3 then break; d[n]:=j; end; end; if n=3 then begin for j:=1 to 3 do write(d[j], ' '); writeln(); end; end. end.</pre>	<pre>for i in range(326995, 327014): n = 0 m = [] for j in range(3,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 3: break if n == 3: print(*m)</pre>	<table border="1"> <tr><td>7</td><td>23357</td><td>163499</td></tr> <tr><td>13</td><td>12577</td><td>163501</td></tr> <tr><td>29</td><td>2819</td><td>81751</td></tr> <tr><td>11</td><td>929</td><td>10219</td></tr> </table>	7	23357	163499	13	12577	163501	29	2819	81751	11	929	10219
7	23357	163499													
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7.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=221507 to 221540 do begin n:= 0; for j:=1 to i do begin if (i mod j)=0 then begin n:=n+1; if n>4 then break; d[n]:=j; end; end; if n=4 then begin for j:=1 to 4 do write(d[j], ' '); writeln(); end; end; end; end. end.</pre>	<pre>for i in range(221507, 221541): n = 0 m = [] for j in range(1, i+1): if i % j == 0: m += [j] n += 1 if n > 4: break if n == 4: print(*m)</pre>	<table border="1"> <tr><td>1</td><td>23</td><td>9631</td><td>221513</td></tr> <tr><td>1</td><td>37</td><td>5987</td><td>221519</td></tr> <tr><td>1</td><td>29</td><td>7639</td><td>221531</td></tr> <tr><td>1</td><td>13</td><td>17041</td><td>221533</td></tr> </table>	1	23	9631	221513	1	37	5987	221519	1	29	7639	221531	1	13	17041	221533
1	23	9631	221513																
1	37	5987	221519																
1	29	7639	221531																
1	13	17041	221533																
8.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=327975 to 328021 do begin n:= 0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=0) then begin n:=n+1; if n>3 then break; d[n]:=j; end; end; if n=3 then begin for j:=1 to 3 do write(d[j], ' '); writeln(); end; end; end; end. end.</pre>	<pre>for i in range(327975, 328022): n = 0 m = [] for j in range(2,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 3: break if n == 3: print(*m)</pre>	<table border="1"> <tr><td>2</td><td>6</td><td>109334</td></tr> <tr><td>2</td><td>10</td><td>65602</td></tr> <tr><td>2</td><td>4</td><td>164006</td></tr> <tr><td>2</td><td>802</td><td>818</td></tr> </table>	2	6	109334	2	10	65602	2	4	164006	2	802	818				
2	6	109334																	
2	10	65602																	
2	4	164006																	
2	802	818																	
9.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=326871 to 326977 do begin n:= 0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>4 then break; d[n]:=j; end; end; if n=4 then begin for j:=1 to 4 do write(d[j], ' '); writeln(); end; end; end; end. end.</pre>	<pre>for i in range(326871, 326978): n = 0 m = [] for j in range(3,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 4: break if n == 4: print(*m)</pre>	<table border="1"> <tr><td>3</td><td>9</td><td>36319</td><td>108957</td></tr> <tr><td>7</td><td>49</td><td>6673</td><td>46711</td></tr> </table>	3	9	36319	108957	7	49	6673	46711								
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10.	<pre>var n,i,j: integer; d: array[1..5] of integer; begin for i:=182105 to 182152 do begin n:= 0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>5 then break; d[n]:=j; end; end; if n=5 then begin for j:=1 to 5 do write(d[j], ' '); writeln(); end; end; end; end. end.</pre>	<pre>for i in range(182105, 182153): n = 0 m = [] for j in range(3,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 5: break if n == 5: print(*m)</pre>	<table border="1"> <tr><td>3</td><td>9</td><td>5059</td><td>15177</td><td>45531</td></tr> <tr><td>5</td><td>25</td><td>3643</td><td>18215</td><td>91075</td></tr> </table>	3	9	5059	15177	45531	5	25	3643	18215	91075		
3	9	5059	15177	45531											
5	25	3643	18215	91075											
11.	<pre>var n,i,j,p,r: integer; begin for i:=335170 to 335224 do begin n:=0; r:=r+1; for j:=2 to i do begin if (i mod j)=0 then begin n:=n+1; if n>1 then break; p:=i; end; end; if n=1 then writeln(r, ' ',p); end; end.</pre>	<pre>r = 0 for i in range(335170, 335225): r += 1 n = 0 for j in range(2, i + 1): if i % j == 0: n += 1 if n > 1: break p = i if n == 1: print(r, p)</pre>	<table border="1"> <tr><td>2</td><td>335171</td></tr> <tr><td>4</td><td>335173</td></tr> <tr><td>38</td><td>335207</td></tr> <tr><td>44</td><td>335213</td></tr> <tr><td>52</td><td>335221</td></tr> </table>	2	335171	4	335173	38	335207	44	335213	52	335221		
2	335171														
4	335173														
38	335207														
44	335213														
52	335221														
12.	<pre>var n,i,j: integer; d: array[1..2] of integer; begin for i:=210624 to 210648 do begin n:= 0; for j:=2 to (i div 2) do begin if (i mod j)=0 then begin n:=n+1; if n>2 then break; d[n]:=j; end; end; if n=2 then begin for j:=1 to 2 do write(d[j], ' '); writeln(); end; end; end; end. end.</pre>	<pre>for i in range(210624, 210649): n = 0 m = [] for j in range(2, i//2+1): if i % j == 0: m += [j] n += 1 if n > 2: break if n == 2: print(*m)</pre>	<table border="1"> <tr><td>347</td><td>607</td></tr> <tr><td>7</td><td>30091</td></tr> <tr><td>2</td><td>105319</td></tr> <tr><td>37</td><td>5693</td></tr> <tr><td>2</td><td>105323</td></tr> <tr><td>17</td><td>12391</td></tr> </table>	347	607	7	30091	2	105319	37	5693	2	105323	17	12391
347	607														
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13.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=322599 to 322660 do begin n:=0; for j:=2 to (i div 2) do begin if (i mod j)=0 then begin n:=n+1; if n>4 then break; d[n]:=j; end; end; if n=4 then begin for j:=1 to 4 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(322599, 322661): n = 0 m = [] for j in range(2, i//2+1): if i % j == 0: m += [j] n += 1 if n > 4: break if n == 4: print(*m)</pre>	<table border="1"> <tr><td>2</td><td>4</td><td>80651</td><td>161302</td></tr> <tr><td>2</td><td>4</td><td>80657</td><td>161314</td></tr> <tr><td>3</td><td>9</td><td>35851</td><td>107553</td></tr> </table>	2	4	80651	161302	2	4	80657	161314	3	9	35851	107553
2	4	80651	161302												
2	4	80657	161314												
3	9	35851	107553												
14.	<pre>var n,i,j: integer; d: array[1..2] of integer; begin for i:=291588 to 291627 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>2 then break; d[n]:=j; end; end; if n=2 then begin for j:=1 to 2 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(291588, 291628): n = 0 m = [] for j in range(3,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 2: break if n == 2: print(*m)</pre>	<table border="1"> <tr><td>79</td><td>3691</td></tr> <tr><td>5</td><td>58321</td></tr> <tr><td>163</td><td>1789</td></tr> <tr><td>331</td><td>881</td></tr> <tr><td>7</td><td>41659</td></tr> <tr><td>193</td><td>1511</td></tr> </table>	79	3691	5	58321	163	1789	331	881	7	41659	193	1511
79	3691														
5	58321														
163	1789														
331	881														
7	41659														
193	1511														
15.	<pre>var n,i,j: integer; d: array[1..2] of integer; begin for i:=188498 to 193444 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=0) then begin n:=n+1; if n>2 then break; d[n]:=j; end; end; if n=2 then begin for j:=1 to 2 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(188498, 193445): n = 0 m = [] for j in range(2,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 2: break if n == 2: print(*m)</pre>	<table border="1"> <tr><td>2</td><td>614</td></tr> <tr><td>2</td><td>622</td></tr> </table>	2	614	2	622								
2	614														
2	622														

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16.	<pre>var n,i,j: integer; d: array[1..3] of integer; begin for i:=174759 to 174777 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>3 then break; d[n]:=j; end; end; if n=3 then begin for j:=1 to 3 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(174759, 174778): n = 0 m = [] for j in range(3,i//2+1, 2): if i % j == 0: m += [j] n += 1 if n > 3: break if n == 3: print(*m)</pre>	<table border="1"> <tr><td>5</td><td>17477</td><td>87385</td></tr> <tr><td>13</td><td>3361</td><td>43693</td></tr> <tr><td>3</td><td>29129</td><td>87387</td></tr> <tr><td>7</td><td>3121</td><td>21847</td></tr> </table>	5	17477	87385	13	3361	43693	3	29129	87387	7	3121	21847				
5	17477	87385																	
13	3361	43693																	
3	29129	87387																	
7	3121	21847																	
17.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=307380 to 307401 do begin n:=0; for j:=1 to i do begin if (i mod j)=0 then begin n:=n+1; if n>4 then break; d[n]:=j; end; end; if n=4 then begin for j:=1 to 4 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(307380, 307402): n = 0 m = [] for j in range(1, i+1): if i % j == 0: m += [j] n += 1 if n > 4: break if n == 4: print(*m)</pre>	<table border="1"> <tr><td>1</td><td>3</td><td>102461</td><td>307383</td></tr> <tr><td>1</td><td>149</td><td>2063</td><td>307387</td></tr> <tr><td>1</td><td>7</td><td>43913</td><td>307391</td></tr> <tr><td>1</td><td>97</td><td>3169</td><td>307393</td></tr> </table>	1	3	102461	307383	1	149	2063	307387	1	7	43913	307391	1	97	3169	307393
1	3	102461	307383																
1	149	2063	307387																
1	7	43913	307391																
1	97	3169	307393																
18.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=293973 to 294017 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=0) then begin n:=n+1; if n>3 then break; d[n]:=j; end; end; if n=3 then begin for j:=1 to 3 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(293973, 294018): n = 0 m = [] for j in range(2,i//2+1,2): if i % j == 0: m += [j] n += 1 if n > 3: break if n == 3: print(*m)</pre>	<table border="1"> <tr><td>2</td><td>10</td><td>58798</td></tr> <tr><td>2</td><td>34</td><td>17294</td></tr> <tr><td>2</td><td>10</td><td>58802</td></tr> <tr><td>2</td><td>14</td><td>42002</td></tr> </table>	2	10	58798	2	34	17294	2	10	58802	2	14	42002				
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19.	<pre>var n,i,j: integer; d: array[1..4] of integer; begin for i:=157636 to 157679 do begin for j:=2 to (i div 2) do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>4 then break; d[n]:=j; end; end; if n=4 then begin for j:=1 to 4 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(157636, 157680): n = 0 m = [] for j in range(3,i//2+1,2): if i % j == 0: m += [j] n += 1 if n > 4: break if n == 4: print(*m)</pre>	<table border="1"> <tr> <td>11</td> <td>121</td> <td>1303</td> <td>14333</td> </tr> <tr> <td>3</td> <td>9</td> <td>17519</td> <td>52557</td> </tr> </table>	11	121	1303	14333	3	9	17519	52557		
11	121	1303	14333										
3	9	17519	52557										
20.	<pre>var n,i,j: integer; d: array[1..5] of integer; begin for i:=241344 to 241398 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) and ((j mod 2)=1) then begin n:=n+1; if n>5 then break; d[n]:=j; end; end; if n=5 then begin for j:=1 to 5 do write(d[j], ' '); writeln(); end; end; end.</pre>	<pre>for i in range(241344, 241399): n = 0 m = [] for j in range(3,i//2+1,2): if i % j == 0: m += [j] n += 1 if n > 5: break if n == 5: print(*m)</pre>	<table border="1"> <tr> <td>3</td> <td>9</td> <td>419</td> <td>1257</td> <td>3771</td> </tr> <tr> <td>3</td> <td>9</td> <td>13411</td> <td>40233</td> <td>120699</td> </tr> </table>	3	9	419	1257	3771	3	9	13411	40233	120699
3	9	419	1257	3771									
3	9	13411	40233	120699									
21.	<pre>var n,i,j,p,r: integer; begin for i:=321076 to 321165 do begin n:=0; r:=r+1; for j:=2 to i do begin if (i mod j)=0 then begin n:=n+1; if n>1 then break; p:=j; end; end; if n=1 then writeln(r, ' ',p); end; end.</pre>	<pre>r = 0 for i in range(321076, 321166): r += 1 n = 0 for j in range(2, i + 1): if i % j == 0: n += 1 if n > 1: break p = i if n == 1: print(r, p)</pre>	<table border="1"> <tr> <td>2</td> <td>321077</td> </tr> <tr> <td>16</td> <td>321091</td> </tr> <tr> <td>34</td> <td>321109</td> </tr> <tr> <td>68</td> <td>321143</td> </tr> <tr> <td>88</td> <td>321163</td> </tr> </table>	2	321077	16	321091	34	321109	68	321143	88	321163
2	321077												
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22.	<pre>var mn,k,k_max,i,j:longint; begin for i:=65432 to 66531 do begin k:=0; for j:=1 to i do begin if (i mod j=0) then begin k:=k+1; end; end; if (k>k_max) then begin k_max:=k; mn:=i; end; end; writeln(k_max, ' ',mn); end.</pre>	<pre>mn, k_max = 0, 0 for i in range(65432, 66532): k = 0 for j in range(1, i + 1): if i % j == 0: k += 1 if k > k_max: k_max = k mn = i print(k_max, mn)</pre>	<table border="1"> <tr> <td>120</td> <td>65520</td> </tr> </table>	120	65520																		
120	65520																						
23.	<pre>var mx,k,k_max,i,j:longint; begin for i:=40000 to 41111 do begin k:=0; for j:=1 to i do begin if (i mod j=0) then begin k:=k+1; end; end; if (k>=k_max) then begin k_max:=k; mx:=i; end; end; writeln(k_max, ' ',mx); end.</pre>	<pre>mx, k_max = 0, 0 for i in range(40000, 41112): k = 0 for j in range(1, i + 1): if i % j == 0: k += 1 if k >= k_max: k_max = k mx = i print(k_max, mx)</pre>	<table border="1"> <tr> <td>96</td> <td>40320</td> </tr> </table>	96	40320																		
96	40320																						
24.	<pre>var n,m,i,j: integer; a: array[1..4] of integer; begin i:=200000; while m<5 do begin i:=i+1; n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) then begin n:=n+1; if n>4 then break; a[n]:=j; end; end; if n=4 then begin m:=m+1; begin for j:=1 to 3 do write(a[j], ' '); writeln(a[4]); end; end; end.</pre>	<pre>m, i = 0, 200000 while m < 5: i += 1 n = 0 a = [] for j in range(2, i//2+1): if i % j == 0: n += 1 if n > 4: break a += [j] if n == 4: m += 1 print(*a)</pre>	<table border="1"> <tr> <td>3</td> <td>9</td> <td>22229</td> <td>66687</td> </tr> <tr> <td>2</td> <td>4</td> <td>50021</td> <td>100042</td> </tr> <tr> <td>2</td> <td>4</td> <td>50023</td> <td>100046</td> </tr> <tr> <td>2</td> <td>4</td> <td>50033</td> <td>100066</td> </tr> <tr> <td>2</td> <td>4</td> <td>50047</td> <td>100094</td> </tr> </table>	3	9	22229	66687	2	4	50021	100042	2	4	50023	100046	2	4	50033	100066	2	4	50047	100094
3	9	22229	66687																				
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2	4	50033	100066																				
2	4	50047	100094																				

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25.	<pre>var n,m,i,j: integer; a: array[1..6] of integer; begin i:=50000; while m<5 do begin i:=i+1; n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) then begin n:=n+1; if n>6 then break; a[n]:=j; end; end; if n=6 then begin m:=m+1; begin for j:=1 to 5 do write(a[j], ' '); writeln(a[6]); end; end; end; end.</pre>	<pre>m, i = 0, 50000 while m < 5: i += 1 n = 0 a = [] for j in range(2, i//2+1): if i % j == 0: n += 1 if n > 6: break a += [j] if n == 6: m += 1 print(*a)</pre>	<table border="1"> <tr><td>3</td><td>7</td><td>21</td><td>2381</td><td>7143</td><td>16667</td></tr> <tr><td>2</td><td>23</td><td>46</td><td>1087</td><td>2174</td><td>25001</td></tr> <tr><td>5</td><td>73</td><td>137</td><td>365</td><td>685</td><td>10001</td></tr> <tr><td>2</td><td>11</td><td>22</td><td>2273</td><td>4546</td><td>25003</td></tr> <tr><td>3</td><td>79</td><td>211</td><td>237</td><td>633</td><td>16669</td></tr> </table>	3	7	21	2381	7143	16667	2	23	46	1087	2174	25001	5	73	137	365	685	10001	2	11	22	2273	4546	25003	3	79	211	237	633	16669
3	7	21	2381	7143	16667																												
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2	11	22	2273	4546	25003																												
3	79	211	237	633	16669																												
26.	<pre>var n,m,i,j: integer; a,aa: array[1..4] of integer; begin for i:=1000 to 9999 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) then begin n:=n+1; if n>4 then break; aa[n]:=j; end; end; if n=4 then begin m:=m+1; for j:=1 to 4 do a[j]:=aa[j]; if m=1 then begin for j:=1 to 3 do write(a[j], ' '); writeln(a[4]); end; end; for j:=1 to 3 do write(a[j], ' '); writeln(a[4]); end; end; end.</pre>	<pre>m = 0 a = [] for i in range(1000, 10000): n = 0 aa = [] for j in range(2, i//2+1): if i % j == 0: n += 1 if n > 4: break aa += [j] if n == 4: m += 1 a = aa if m == 1: print(*a) print(*a)</pre>	<table border="1"> <tr><td>2</td><td>4</td><td>251</td><td>502</td></tr> <tr><td>3</td><td>9</td><td>1109</td><td>3327</td></tr> </table>	2	4	251	502	3	9	1109	3327																						
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27.	<pre>var n,m,i,j: integer; a,aa: array[1..6] of integer; begin for i:=15000 to 19999 do begin n:=0; for j:=2 to (i div 2) do begin if ((i mod j)=0) then begin n:=n+1; if n>6 then break; aa[n]:=j; end; end; if n=6 then begin m:=m+1; for j:=1 to 6 do a[j]:=aa[j]; if m=1 then begin for j:=1 to 5 do write(a[j], ' '); writeln(a[6]); end; end; for j:=1 to 5 do write(a[j], ' '); writeln(a[6]); end; end; end; end; for j:=1 to 5 do write(a[j], ' '); writeln(a[6]); end.</pre>	<pre>m = 0 a = [] for i in range(15000, 20000): n = 0 aa = [] for j in range(2, i//2+1): if i % j == 0: n += 1 if n > 6: break aa += [j] if n == 6: m += 1 a = aa if m == 1: print(*a) print(*a)</pre>	<table border="1"> <tr><td>2</td><td>13</td><td>26</td><td>577</td><td>1154</td><td>7501</td></tr> <tr><td>2</td><td>13</td><td>26</td><td>769</td><td>1538</td><td>9997</td></tr> </table>	2	13	26	577	1154	7501	2	13	26	769	1538	9997
2	13	26	577	1154	7501										
2	13	26	769	1538	9997										
28.	<pre>var d,dd,kol,mn,i,j,k:longint; begin mn:= 12346; for i:=6789 to 12345 do begin for j:=2 to i div 2 do begin if (i mod j=0) then begin for k:=2 to j div 2 do begin if (j mod k=0) then dd:=dd+1; end; if dd=0 then d:=d+1; dd:=0; end; if d=2 then begin kol:=kol+1; if mn>i then mn:=i; end; d:=0; end; writeln(kol, ' ',mn); end.</pre>	<pre>d, dd, kol = 0, 0, 0 mn = 12346 for i in range(6789, 12346): for j in range(2, i//2+1): if i % j == 0: for k in\ range(2,j//2+1): if j % k == 0: dd += 1 if dd == 0: d += 1 dd = 0 if d == 2: kol += 1 if mn > i: mn = i d = 0 print(kol, mn)</pre>	<table border="1"> <tr><td>2086</td><td>6796</td></tr> </table>	2086	6796										
2086	6796														

№	Решение на языке PascalABC.NET	Решение на языке Python	Ответ																
29.	<pre>var d, dd, kol, mx, i, j, k: longint; begin for i:=28000 to 33000 do begin for j:=2 to i div 2 do begin for k:=2 to j div 2 do begin if (j mod k=0) then dd:=dd+1; end; if dd=0 then d:=d+1; dd:=0; end; end; if d=3 then begin kol:=kol+1; if mx<i then mx:=i; end; d:=0; end; writeln(kol, ' ', mx); end.</pre>	<pre>d, dd, kol, mx = 0, 0, 0, 0 for i in range(28000, 33001): for j in range(2, i//2+1): if i % j == 0: for k in \ range (2,j//2+1): if j % k == 0: dd += 1 end if dd == 0: d += 1 end end dd = 0 if d == 3: kol += 1 if mx < i: mx = i end d = 0 end print(kol, mx)</pre>	<table border="1"> <tr><td>1957</td><td>32998</td></tr> </table>	1957	32998														
1957	32998																		
30.	<pre>var d, n, m, i, j, k: longint; a: array[1..4] of integer; begin i:=100000; while m<4 do begin i += 1; i:=i+1; for j:=2 to i div 2 do begin if (i mod j=0) then begin for k:=2 to j div 2 do begin if (j mod k=0) then d:=d+1; end; if d=0 then begin n:=n+1; if n>4 then break; a[n]:=j; end; d:=0; end; end; if n=4 then begin m:=m+1; begin for j:=1 to 3 do write(a[j], ' '); writeln(a[4]); end; end; n:=0; end; end.</pre>	<pre>d, n, m = 0, 0, 0 a = [] i = 100000 while m < 4: i += 1 i = i + 1 n = 0 a = [] for j in range(2, i//2+1): if i % j == 0: for k in \ range (2,j//2+1): if j % k == 0: d += 1 end if d == 0: n += 1 if n > 4: break end a += [j] end d = 0 if n == 4: m += 1 print(*a) end</pre>	<table border="1"> <tr><td>2</td><td>3</td><td>7</td><td>2381</td></tr> <tr><td>3</td><td>5</td><td>59</td><td>113</td></tr> <tr><td>2</td><td>5</td><td>73</td><td>137</td></tr> <tr><td>3</td><td>17</td><td>37</td><td>53</td></tr> </table>	2	3	7	2381	3	5	59	113	2	5	73	137	3	17	37	53
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2	5	73	137																
3	17	37	53																

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31.	<pre>var d, n, m, i, j, k: longint; a: array[1..5] of integer; begin i:=200000; while m<5 do begin i:=i+1; for j:=2 to i div 2 do begin if (i mod j=0) then begin for k:=2 to j div 2 do begin if (j mod k=0) then d:=d+1; end; if d=0 then begin n:=n+1; if n>5 then break; a[n]:=j; end; d:=0; end; end; if n=5 then begin m:=m+1; begin for j:=1 to 4 do write(a[j], ' '); writeln(a[5]); end; end; n:=0; end; end.</pre>	<pre>d, n, m = 0, 0, 0 a = [] i = 200000 while m < 5: i += 1 n = 0 a = [] for j in range(2, i//2+1): if i % j == 0: for k in \ range (2,j//2+1): if j % k == 0: d += 1 end if d == 0: n += 1 if n > 5: break end a += [j] end d = 0 if n == 5: m += 1 print(*a) end</pre>	<table border="1"> <tr><td>2</td><td>3</td><td>5</td><td>59</td><td>113</td></tr> <tr><td>2</td><td>3</td><td>17</td><td>37</td><td>53</td></tr> <tr><td>2</td><td>3</td><td>7</td><td>11</td><td>433</td></tr> <tr><td>2</td><td>3</td><td>5</td><td>13</td><td>19</td></tr> <tr><td>2</td><td>5</td><td>11</td><td>17</td><td>107</td></tr> </table>	2	3	5	59	113	2	3	17	37	53	2	3	7	11	433	2	3	5	13	19	2	5	11	17	107
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2	3	17	37	53																								
2	3	7	11	433																								
2	3	5	13	19																								
2	5	11	17	107																								
32.	<pre>var d, n, m, i, j, k: longint; a, aa: array[1..4] of integer; begin for i:=30000 to 35000 do begin n:=0; for j:=2 to i div 2 do begin if (i mod j=0) then begin for k:=2 to j div 2 do begin if (j mod k=0) then d:=d+1; end; if d=0 then begin n:=n+1; if n>4 then break; aa[n]:=j; end; d:=0; end; end; if n=4 then begin m:=m+1; for j:=1 to 4 do a[j]:=aa[j]; if m=1 then begin for j:=1 to 3 do write(a[j], ' '); writeln(a[4]); end; end; end; end; for j:=1 to 3 do write(a[j], ' '); writeln(a[4]); end.</pre>	<pre>d, n, m = 0, 0, 0 a = [] for i in range(30000, 35001): n = 0 aa = [] for j in range(2, i//2+1): if i % j == 0: for k in \ range (2,j//2+1): if j % k == 0: d += 1 end if d == 0: n += 1 if n > 4: break end aa += [j] end d = 0 if n == 4: m += 1 a = aa if m == 1: print(*a) end print(*a) end</pre>	<table border="1"> <tr><td>2</td><td>3</td><td>41</td><td>61</td></tr> <tr><td>2</td><td>3</td><td>19</td><td>307</td></tr> </table>	2	3	41	61	2	3	19	307																	
2	3	41	61																									
2	3	19	307																									

№	Решение на языке PascalABC.NET	Решение на языке Python	Ответ												
33.	<pre>var n,m,i,d: integer; begin for n:=20000 to 45000 do begin d:=0; m:=1; for i:=2 to (n div 2) do if (n mod i=0) then begin d:=d+1; m:=m*i; if m>=n then break; if d=7 then writeln(m, ' ',n); end; end; end; end.</pre>	<pre>for n in range(20000, 45001): d = 0 m = 1 for i in range (2,n//2+1): if n % i == 0: d += 1 m *= i if m >= n: break if d == 7: print(m, n)</pre>	<table border="1"> <tr><td>40320</td><td>41160</td></tr> <tr><td>40320</td><td>42000</td></tr> <tr><td>40320</td><td>42840</td></tr> <tr><td>40320</td><td>43680</td></tr> <tr><td>40320</td><td>44520</td></tr> </table>	40320	41160	40320	42000	40320	42840	40320	43680	40320	44520		
40320	41160														
40320	42000														
40320	42840														
40320	43680														
40320	44520														
34.	<pre>var n,m,i,d: integer; begin for n:=360000 to 380000 do begin d:=0; m:=1; for i:=2 to (n div 2) do if (n mod i=0) then begin d:=d+1; m:=m*i; if m>=n then break; if d=8 then writeln(m, ' ',n); end; end; end; end.</pre>	<pre>for n in range(360000, 380001): d = 0 m = 1 for i in range (2,n//2+1): if n % i == 0: d += 1 m *= i if m >= n: break if d == 8: print(m, n)</pre>	<table border="1"> <tr><td>362880</td><td>365400</td></tr> <tr><td>362880</td><td>367920</td></tr> <tr><td>362880</td><td>370440</td></tr> <tr><td>362880</td><td>372960</td></tr> <tr><td>362880</td><td>375480</td></tr> <tr><td>362880</td><td>378000</td></tr> </table>	362880	365400	362880	367920	362880	370440	362880	372960	362880	375480	362880	378000
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362880	367920														
362880	370440														
362880	372960														
362880	375480														
362880	378000														
35.	<pre>var n,m,k,i,d1,d2: integer; begin n:=700000; while k<5 do begin n:=n+1; for i:=2 to (n div 2) do begin d1:=0; d2:=0; if (n mod i=0) then begin d1:=i; d2:=n div i; break; end; end; if d2>0 then m:=d1+d2; if (m mod 10=8) then begin writeln(n, ' ',m); k:=k+1; end; end; end.</pre>	<pre>n, m, k = 700000, 0, 0 while k < 5: n += 1 for i in range(2, n//2+1): d1, d2 = 0, 0 if n % i == 0: d1 = i d2 = n // i break if d2 > 0: m = d1 + d2 if m % 10 == 8: print(n, m) k += 1</pre>	<table border="1"> <tr><td>700005</td><td>233338</td></tr> <tr><td>700007</td><td>100008</td></tr> <tr><td>700012</td><td>350008</td></tr> <tr><td>700015</td><td>140008</td></tr> <tr><td>700031</td><td>24168</td></tr> </table>	700005	233338	700007	100008	700012	350008	700015	140008	700031	24168		
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700015	140008														
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36.	<pre>var n,m,v,k,i,d: integer; a: array[1..2] of integer; begin n:=120000; while k<5 do begin n:=n+1; a[1]:=0; a[2]:=0; d:=0; for i:= 2 to (n div 2) do if (n mod i=0) then begin d:=d+1; a[d]:=n div i; if d=2 then begin if (a[2]>0) and (a[1]+a[2]>120000) then begin m:=a[1]+a[2]; writeln(n, ' ',m); k:=k+1; end; break; end; end; end; end.</pre>	<pre>k = 0 a = [] n = 120000 while k < 5: n += 1 a = [] d = 0 for i in range(2,n//2+1): if n % i == 0: a += [n//i] d += 1 if d == 2: break if d == 2 and \ a[0] + a[1] > 120000: print(n, a[0] + a[1]) k += 1</pre>	<table border="1"> <tr><td>144006</td><td>120005</td></tr> <tr><td>144012</td><td>120010</td></tr> <tr><td>144018</td><td>120015</td></tr> <tr><td>144024</td><td>120020</td></tr> <tr><td>144030</td><td>120025</td></tr> </table>	144006	120005	144012	120010	144018	120015	144024	120020	144030	120025
144006	120005												
144012	120010												
144018	120015												
144024	120020												
144030	120025												
37.	<pre>function v(n,p:integer):integer; var i,m:integer; begin m:=1; for i:=1 to p do m:=m*n; v:=m; end; var n,x,y,k,m: integer; a:array[,] of integer; begin for x:= 0 to 28 do for y:= 0 to 18 do begin n:=v(2,x)+v(3,y); if (n>=600000) and (n<=1000000) then begin k:=k+1; setlength(a,k,3); a[k-1,0]:=n; a[k-1,1]:=x; a[k-1,2]:=y; end; end; for x:= 0 to k-2 do for y:= x+1 to k-1 do begin if a[x,0]>a[y,0] then begin m:=a[x,0]; a[x,0]:=a[y,0];a[y,0]:=m; m:=a[x,1]; a[x,1]:=a[y,1];a[y,1]:=m; m:=a[x,2]; a[x,2]:=a[y,2];a[y,2]:=m; end; end; for x:= 0 to k-1 do writeln(a[x,0], ' ', a[x,1], ' ',a[x,2]); end.</pre>	<pre>k = 0 a = [] for x in range(28): for y in range(18): n = 2 ** x + 3 ** y if n >= 600000 \ and n <= 1000000: k += 1 aa = [] aa += [n] aa += [x] aa += [y] a += [aa] for x in range(k-1): for y in range(x+1, k): if a[x][0]>a[y][0]: a[x][0],a[y][0]\ =a[y][0],a[x][0] a[x][1],a[y][1]\ =a[y][1],a[x][1] a[x][2],a[y][2]\ =a[y][2],a[x][2] for x in range(k): print(a[x][0], a[x][1],\ a[x][2])</pre>	<table border="1"> <tr><td>662513</td><td>17</td><td>12</td></tr> <tr><td>701435</td><td>19</td><td>11</td></tr> <tr><td>793585</td><td>18</td><td>12</td></tr> </table>	662513	17	12	701435	19	11	793585	18	12	
662513	17	12											
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38.	<pre>function v(n,p:integer):integer; var i,m:integer; begin m:=1; for i:=1 to p do m:=m*n; v:=m; end; var n,x,y,k,m: integer; a:array[,] of integer; begin for x:= 0 to 28 do for y:= 0 to 18 do begin n:=v(2,x)+v(3,y); if (x mod 2=0) and (y mod 2=1) and (n>=1300000000) and (n<=2600000000) then begin k:=k+1; setlength(a,k,3); a[k-1,0]:=n; a[k-1,1]:=x; a[k-1,2]:=y; end; end; for x:= 0 to k-2 do for y:= x+1 to k-1 do begin if a[x,0]>a[y,0] then begin m:=a[x,0]; a[x,0]:=a[y,0];a[y,0]:=m; m:=a[x,1]; a[x,1]:=a[y,1];a[y,1]:=m; m:=a[x,2]; a[x,2]:=a[y,2];a[y,2]:=m; end; end; for x:= 0 to k-1 do writeln(a[x,0], ' ', a[x,1], ' ', a[x,2]); end. end.</pre>	<pre>k = 0 a = [] for x in range(0, 29, 2): for y in range(1, 18, 2): n = 2 ** x + 3 ** y if n >= 1300000000\ and n <= 2600000000: k += 1 aa = [] aa += [n] aa += [x] aa += [y] a += [aa] for x in range(k-1): for y in range(x+1, k): if a[x][0]>a[y][0]: a[x][0],a[y][0]\ =a[y][0],a[x][0] a[x][1],a[y][1]\ =a[y][1],a[x][1] a[x][2],a[y][2]\ =a[y][2],a[x][2] for x in range(k): print(a[x][0], a[x][1],\ a[x][2])</pre>	<table border="1"> <tr><td>130188739</td><td>20</td><td>17</td></tr> <tr><td>133334467</td><td>22</td><td>17</td></tr> <tr><td>145917379</td><td>24</td><td>17</td></tr> <tr><td>196249027</td><td>26</td><td>17</td></tr> </table>	130188739	20	17	133334467	22	17	145917379	24	17	196249027	26	17			
130188739	20	17																
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145917379	24	17																
196249027	26	17																
39.	<pre>var d,d2,n,m:longint; begin for n:=3000 to 3300 do begin m:=ceil(sqrt(n))-1; for d:=m downto m-1 do if (n mod d=0) then begin d2:=n div d; if (d2-d<=2) then begin writeln(n, ' ',d, ' ',d2); break; end; end; end; end. end.</pre>	<pre>import math for n in range(3000, 3301): m = math.ceil(n ** 0.5) - 1 for d in range(m, m-1, -1): if n % d == 0: d2 = n // d if (d2 - d <= 2): print(n, d, d2) break</pre>	<table border="1"> <tr><td>3024</td><td>54</td><td>56</td></tr> <tr><td>3080</td><td>55</td><td>56</td></tr> <tr><td>3135</td><td>55</td><td>57</td></tr> <tr><td>3192</td><td>56</td><td>57</td></tr> <tr><td>3248</td><td>56</td><td>58</td></tr> </table>	3024	54	56	3080	55	56	3135	55	57	3192	56	57	3248	56	58
3024	54	56																
3080	55	56																
3135	55	57																
3192	56	57																
3248	56	58																
40.	<pre>var n,m,d,s,i,j:integer; begin n:= 5704290; for i:= 0 to 9 do for j:= 0 to 9 do begin m:= n + 10000 * i + j; s:= 0; for d:= 2 to (m div 2) do if (m mod d = 0) then s:= s + d; if (s mod 2=1) and (s mod 15=0) then writeln(m, ' ', s); end; end. end.</pre>	<pre>n = 5704290 for i in range(10): for j in range(10): m = n + 10000 * i + j s = 0 for d in range(2,m//2+1): if m % d == 0: s = s + d if s%2==1 and s%15==0: print(m, s)</pre>	<table border="1"> <tr><td>5714294</td><td>2974785</td></tr> <tr><td>5724290</td><td>6383805</td></tr> <tr><td>5734292</td><td>4300725</td></tr> <tr><td>5744294</td><td>2882505</td></tr> <tr><td>5784292</td><td>4338225</td></tr> </table>	5714294	2974785	5724290	6383805	5734292	4300725	5744294	2882505	5784292	4338225					
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№	Решение на языке PascalABC.NET	Решение на языке Python	Ответ										
41.	<pre>var n,m,i,j,k:integer; begin n:=102408160; for i:=0 to 9 do for j:=0 to 9 do for k:=0 to 9 do begin m:=n+10000000*i+10000*j+k; if (m mod 256=0) then writeln(m, ' ',m div 256); end; end. end.</pre>	<pre>n = 102408160 for i in range(10): for j in range(10): for k in range(10): m = n + 10000000*i\ + 10000*j + k if m % 256 == 0: print(m, m//256)</pre>	<table border="1"> <tr><td>102428160</td><td>400110</td></tr> <tr><td>122428160</td><td>478235</td></tr> <tr><td>142428160</td><td>556360</td></tr> <tr><td>162428160</td><td>634485</td></tr> <tr><td>182428160</td><td>712610</td></tr> </table>	102428160	400110	122428160	478235	142428160	556360	162428160	634485	182428160	712610
102428160	400110												
122428160	478235												
142428160	556360												
162428160	634485												
182428160	712610												
42.	<pre>var n,m,i,j,k:integer; begin n:=1234560; for j:=0 to 9 do begin m:=n+10*j; if (m mod 111=0) then writeln(m, ' ',m div 111); end; n:=10234560; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+1000000*i+j; if (m mod 111=0) then writeln(m, ' ',m div 111); end; end; n:=100234560; for i:=0 to 99 do for j:=0 to 9 do begin m:=n+1000000*i+j; if (m mod 111=0) then writeln(m, ' ',m div 111); end; end. end.</pre>	<pre>k = 0 n = 1234560 for j in range(10): m = n + 10 * j if m % 111 == 0: print(m, m // 111) n = 10234560 for i in range(10): for j in range(10): m = n + 1000000 * i + j if m % 111 == 0: print(m, m // 111) n = 100234560 for i in range(100): for j in range(10): m = n + 1000000 * i + j if m % 111 == 0: print(m, m // 111)</pre>	<table border="1"> <tr><td>196234569</td><td>1767879</td></tr> <tr><td>197234568</td><td>1776888</td></tr> <tr><td>198234567</td><td>1785897</td></tr> <tr><td>199234566</td><td>1794906</td></tr> </table>	196234569	1767879	197234568	1776888	198234567	1785897	199234566	1794906		
196234569	1767879												
197234568	1776888												
198234567	1785897												
199234566	1794906												
43.	<pre>var n,m,i,j,k:integer; begin n:=12481602; for j:=0 to 9 do begin m:=n+10*j; if (m mod 303=0) then writeln(m, ' ',m div 303); end; n:=102481602; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+10000000*i+10*j; if (m mod 303=0) then writeln(m, ' ',m div 303); end; end; n:=1002481602; for i:=0 to 99 do for j:=0 to 9 do begin m:=n+10000000*i+10*j; if (m mod 303=0) then writeln(m, ' ',m div 303); end; end. end.</pre>	<pre>k = 0 n = 12481602 for j in range(10): m = n + 10 * j if m % 303 == 0: print(m, m // 303) n = 102481602 for i in range(10): for j in range(10): m = n + 10000000*i + 10*j if m % 303 == 0: print(m, m // 303) n = 1002481602 for i in range(100): for j in range(10): m = n + 10000000*i + 10*j if m % 303 == 0: print(m, m // 303)</pre>	<table border="1"> <tr><td>1862481612</td><td>6146804</td></tr> <tr><td>1892481642</td><td>6245814</td></tr> <tr><td>1922481672</td><td>6344824</td></tr> </table>	1862481612	6146804	1892481642	6245814	1922481672	6344824				
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1892481642	6245814												
1922481672	6344824												

№	Решение на языке PascalABC.NET	Решение на языке Python	Ответ										
44.	<pre>var n,m,i,j,k:integer; begin n:=1402603; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+10000*i+10*j; if (m mod 4321=0) then writeln(m,' ',m div 4321); end; n:=14026030; for i:=0 to 9 do for j:=0 to 9 do for k:=0 to 9 do begin m:=n+100000*i+100*j+k; if (m mod 4321=0) then writeln(m,' ',m div 4321); end; end; n:=140260300; for i:=0 to 9 do for j:=0 to 9 do for k:=0 to 99 do begin m:=n+1000000*i+1000*j+k; if (m mod 4321=0) then writeln(m,' ',m div 4321); end; end; end. </pre>	<pre>n = 1402603 for i in range(10): for j in range(10): m = n + 10000*i + 10*j if m % 4321 == 0: print(m, m//4321) n = 14026030 for i in range(10): for j in range(10): for k in range(10): m = n + 100000 * i \ + 100 * j + k if m % 4321 == 0: print(m, m//4321) n = 140260300 for i in range(10): for j in range(10): for k in range(100): m = n + 1000000 * i \ + 1000 * j + k if m % 4321 == 0: print(m,m//4321) end.</pre>	<table border="1"> <tr><td>140268302</td><td>32462</td></tr> <tr><td>145263378</td><td>33618</td></tr> <tr><td>147268322</td><td>34082</td></tr> <tr><td>149260303</td><td>34543</td></tr> </table>	140268302	32462	145263378	33618	147268322	34082	149260303	34543		
140268302	32462												
145263378	33618												
147268322	34082												
149260303	34543												
45.	<pre>var n,m,i,j,k:integer; begin n:=1902850; for i:=0 to 9 do for k:=0 to 9 do begin m:=n+10000*i+k; if (m mod 1379=0) then writeln(m,' ',m div 1379); end; n:=19028050; for i:=0 to 9 do for j:=0 to 9 do for k:=0 to 9 do begin m:=n+100000*i+100*j+k; if (m mod 1379=0) then writeln(m,' ',m div 1379); end; end; n:=190280050; for i:=0 to 9 do for j:=0 to 99 do for k:=0 to 9 do begin m:=n+1000000*i+100*j+k; if (m mod 1379=0) then writeln(m,' ',m div 1379); end; end; end. </pre>	<pre>n = 1902850 for i in range(10): for k in range(10): m = n + 10000*i + k if m % 1379 == 0: print(m, m//1379) n = 19028050 for i in range(10): for j in range(10): for k in range(10): m = n + 100000 * i \ + 100 * j + k if m % 1379 == 0: print(m, m//1379) n = 190280050 for i in range(10): for j in range(100): for k in range(10): m = n + 1000000 * i \ + 100 * j + k if m % 1379 == 0: print(m,m//1379) end.</pre>	<table border="1"> <tr><td>190285452</td><td>137988</td></tr> <tr><td>193286156</td><td>140164</td></tr> <tr><td>194284552</td><td>140888</td></tr> <tr><td>197285256</td><td>143064</td></tr> <tr><td>198283652</td><td>143788</td></tr> </table>	190285452	137988	193286156	140164	194284552	140888	197285256	143064	198283652	143788
190285452	137988												
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46.	<pre>var n,m,i,k:integer; a: array of integer; begin n:=162583904; for i:=0 to 9 do begin m:=n+10*i; if (m mod 31=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:=162580394; for i:=0 to 9 do begin m:=n+10000*i; if (m mod 31=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:=160258394; for i:=0 to 9 do begin m:=n+1000000*i; if (m mod 31=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; a.sort; for i:=0 to k-1 do writeln(a[i],' ',a[i] div 31); end.</pre>	<pre>a, k = [], 0 n = 162583904 for i in range(10): m = n + 10 * i if m % 31 == 0: a += [m] k += 1 n = 162580394 for i in range(10): m = n + 1000 * i if m % 31 == 0: a += [m] k += 1 n = 160258394 for i in range(10): m = n + 1000000 * i if m % 31 == 0: a += [m] k += 1 a = sorted(a) for i in range(k): print(a[i], a[i] // 31)</pre>	<table border="1"> <tr><td>162583964</td><td>5244644</td></tr> <tr><td>166258394</td><td>5363174</td></tr> </table>	162583964	5244644	166258394	5363174
162583964	5244644						
166258394	5363174						
47.	<pre>var n,m,i,j,k:integer; a: array of integer; begin n:=142500369; for j:=0 to 99 do begin m:=n+1000*j; if (m mod 123=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:=140250369; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+1000000*i+1000*j; if (m mod 123=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; end; n:=140025369; for i:=0 to 99 do begin m:=n+1000000*i; if (m mod 123=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; a.sort; for i:=0 to k-1 do writeln(a[i],' ',a[i] div 123); end.</pre>	<pre>a, k = [], 0 n = 142500369 for j in range(100): m = n + 1000 * j if m % 123 == 0: a += [m] k += 1 n = 140250369 for i in range(10): for j in range(10): m = n + 1000000*i+1000*j if m % 123 == 0: a += [m] k += 1 n = 140025369 for i in range(100): m = n + 100000 * i if m % 123 == 0: a += [m] k += 1 a = sorted(a) for i in range(k): print(a[i], a[i] // 123)</pre>	<table border="1"> <tr><td>142557369</td><td>1159003</td></tr> <tr><td>144525369</td><td>1175003</td></tr> </table>	142557369	1159003	144525369	1175003
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№	Решение на языке Pascal/ABC.NET	Решение на языке Python	Ответ								
48.	<pre> var n,m,i,j,k:integer; a: array of integer; begin n:=159283700; for j:=0 to 99 do begin m:=n+j; if (m mod 321=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:= 159280370; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+1000*i+j; if (m mod 321=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:= 159280037; for i:=0 to 99 do begin m:=n+100*i; if (m mod 321=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:= 159028370; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+100000*i+j; if (m mod 321=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:= 159028037; for i:=0 to 9 do for j:=0 to 9 do begin m:=n+100000*i+100*j; if (m mod 321=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; n:= 159002837; for i:=0 to 99 do begin m:=n+10000*i; if (m mod 321=0) then begin setlength(a,k+1); a[k]:=m; k:=k+1; end; end; a.sort; for i:=0 to k-1 do writeln(a[i], ' ',a[i] div 321); end. </pre>	<pre> a, k = [], 0 n = 159283700 for j in range(100): m = n + j if m % 321 == 0: a += [m] k += 1 n = 159280370 for i in range(10): for j in range(10): m = n + 1000 * i + j if m % 321 == 0: a += [m] k += 1 n = 159280037 for i in range(100): m = n + 100 * i if m % 321 == 0: a += [m] k += 1 n = 159028370 for i in range(10): for j in range(10): m = n + 100000 * i + j if m % 321 == 0: a += [m] k += 1 n = 159028037 for i in range(10): for j in range(10): m = n+100000*i+100*j if m % 321 == 0: a += [m] k += 1 n = 159002837 for i in range(100): m = n + 10000 * i if m % 321 == 0: a += [m] k += 1 a = sorted(a) for i in range(k): print(a[i], a[i] // 321) </pre>	<table border="1"> <tr> <td>159283731</td> <td>496211</td> </tr> <tr> <td>159284373</td> <td>496213</td> </tr> <tr> <td>159728637</td> <td>497597</td> </tr> <tr> <td>159792837</td> <td>497797</td> </tr> </table>	159283731	496211	159284373	496213	159728637	497597	159792837	497797
159283731	496211										
159284373	496213										
159728637	497597										
159792837	497797										