

## Indskoling

1

De to snefnug til højre er ikke helt symmetriske.

2

3

**7, 19, 13, 13**

**37, 19, 31, 25**

4

**37-6=31**

**1+3\*6+2\*6=1+18+12=31**

5

Perler i alt	1	7	13	19	25
Forskel		7-1=6	13-7=6	19-13=6	25-19=6

6

## Mellemtrin

1

De to snefnug til højre er ikke helt symmetriske.

2

3

4

**37, 19, 31, 25**

**169, 109, 79**

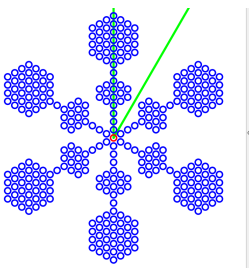
5

**$169 - 6 * 2 - 6 * (2 + 2) - 6 * 4 = 109$**

**$1 + 6 + 6 + 1 * 6 + 6 + 2 * 6 + 6 + 6 + 6 + 4 * 6 + 6 + 6 + 6 + 2 * 6 = 109$**

6

Et eksempel



**$7 + 6 * 2 + 6 * 14 + 6 + 6 * 37 = 331$**

**$721 - 6 * (1 + 2 + 3 + 2 + 1 + 2 + 7 + 8 + 7 + 6 + 5 + 6 + 7 + 8) = 331$**

7

Perler i alt	1	7	<b>13</b>	<b>19</b>	<b>25</b>	<b>31</b>	<b>37</b>
Forskel		7-1=6	<b>13-7=6</b>	<b>19-13=6</b>	<b>25-19=6</b>	<b>6</b>	<b>6</b>

**$A_{10} = 1 + 9 * 6 = 55$**

Perler i alt	1	7	<b>19</b>	<b>37</b>	<b>61</b>	<b>91</b>	<b>127</b>
Forskel		7-1=6	<b>12</b>	<b>18</b>	<b>24</b>	<b>30</b>	<b>36</b>

**$A_7 = 127$   $A_8 = 127 + 7 * 6 = 169$   $A_9 = 169 + 8 * 6 = 217$   $A_{10} = 217 + 9 * 6 = 271$**

8

Perler i alt	1	7	<b>13</b>	<b>19</b>	<b>25</b>	<b>31</b>	<b>37</b>
Divisorer	1	1, 7	<b>1,13</b>	<b>1,19</b>	<b>1,5,25</b>	<b>1,31</b>	<b>1,37</b>
Primtal	nej	ja	<b>ja</b>	<b>ja</b>	<b>nej</b>	<b>ja</b>	<b>ja</b>

Perler i alt	1	7	<b>19</b>	<b>37</b>	<b>61</b>	<b>91</b>	<b>127</b>
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Divisorer	1	1, 7	<b>1,19</b>	<b>1,37</b>	<b>1,61</b>	<b>1,7,13,91</b>	<b>1,127</b>
Primal	nej	ja	<b>Ja</b>	<b>ja</b>	<b>ja</b>	<b>nej</b>	<b>ja</b>

9

## Udskoling

1

De to snefnug til højre er ikke helt symmetriske.

2

3

4

**37, 19, 31, 25**

**169, 109, 79**

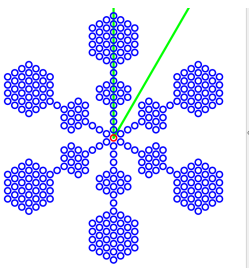
5

**$169-6*2-6*(2+2)-6*4=109$**

**$1+6+6+1*6+6+2*6+6+6+6+4*6+6+6+6+2*6=109$**

6

Et eksempel



**$7+6*2+6*14+6+6*37=331$**

**$721-6*(1+2+3+2+1+2+7+8+7+6+5+6+7+8)=331$**

7

Perler i alt	1	7	13	19	25	31	37
For skel		7-1=6	13-7=6	19-13=6	25-19=6	6	6

**$A_{10}=1+9*6=55$**

**$A_n=1+(n-1)*6=6n-5$**

Perler i alt	1	7	19	37	61	91	127
For skel		7-1=6	12	18	24	30	36

**$A_7=127$   $A_8=127+7*6=169$   $A_9=169+8*6=217$   $A_{10}=217+9*6=271$**

**Læg næste tal i 6-tabellen til  $A_n=A_{n-1}+6*(n-1)$**

**$A_n=3*n*(n-1)+1=3n^2-3n+1$**

**3 rektangler/parallelgrammer n på den ene led og n-1 på den anden led +1**

8

Perler i alt	1	7	13	19	25	31	37
Divisorer	1	1, 7	1,13	1,19	1,5,25	1,31	1,37

Primtal	nej	ja	ja	ja	nej	ja	ja
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1	1	x	
2	7	p	
3	13	p	
4	19	p	
5	25	s	
6	31	p	
7	37	p	
8	43	p	
9	49	s	7
10	55	s	5,11
11	61	p	
12	67	p	
13	73	p	
14	79	p	
15	85	s	5,17
16	91	s	7,13

Perler i alt	1	7	19	37	61	91	127
Divisorer	1	1, 7	1,19	1,37	1,61	1,7,13,91	1,127
Primtal	nej	ja	Ja	ja	ja	nej	ja

1	1	x	
2	7	p	
3	19	p	
4	37	p	
5	61	p	
6	91	s	7, 13
7	127	p	
8	169	s	13
9	217	s	7, 31
10	271	p	
11	331	p	
12	397	p	
13	469	s	7, 67
14	547	p	
15	631	p	
16	721	s	