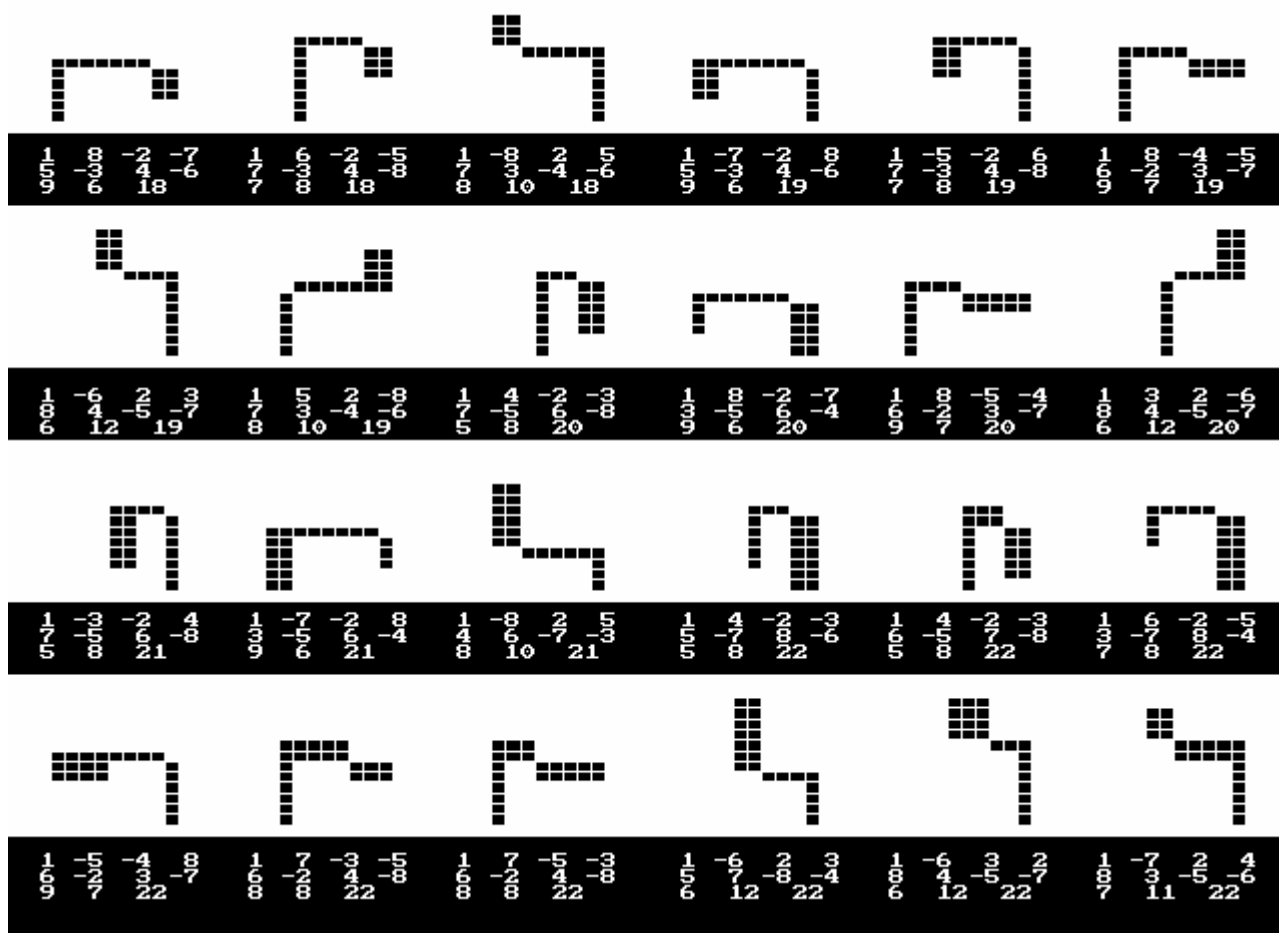


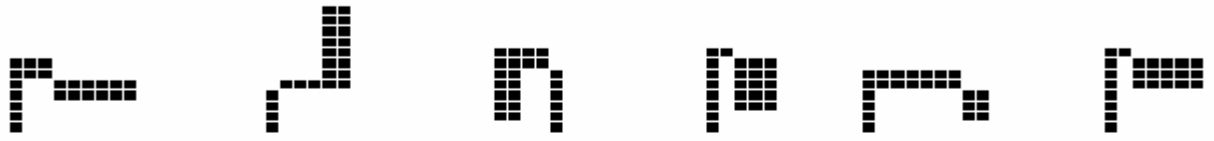
# Die 288 unter Zulassung von Spiegelungen verschiedenen Oktagonen mit einer Überschlagerung geordnet nach

1. Flächeninhalt der Oktagonen
2. Flächeninhalt der kleinsten umschreibenden Rechteck





1 4 5 2 8  
8 6 10 22 3  
1 5 4 3 4 2  
5 8 8 23 7  
1 5 1 3 2 4  
5 8 8 23 6  
1 5 4 2 3 7  
5 8 8 23 7  
1 3 5 2 6  
8 7 8 23 4  
1 5 1 3 2 4  
5 8 8 23 6  
1 5 4 2 3 7  
5 8 8 23 7  
1 3 5 2 6  
8 7 8 23 4  
1 5 1 3 2 4  
5 8 8 23 6



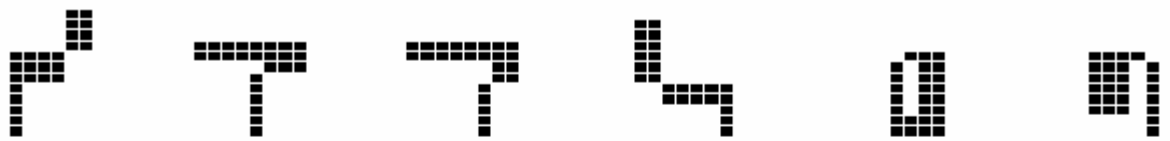
1 8 6 3 8  
9 7 23 7  
1 5 1 3 2 6  
6 7 12 23 4  
1 6 5 1 3 4  
5 8 24 8  
1 7 5 4 3 2  
5 8 24 2  
1 4 8 3 2 7  
9 6 24 6  
1 7 1 3 6 2  
7 8 24 2  
1 7 8 3 5 2  
8 10 24 6



1 6 4 5 8  
9 7 24 7  
1 8 7 5 7 3  
8 10 4 24 6  
1 8 6 2 3 6  
6 4 12 24 7  
1 8 7 4 2 7  
8 11 24 6  
1 8 7 3 4 2  
8 11 24 6  
1 7 8 3 5 2  
8 10 24 6



1 5 2 4 3  
4 8 25 7  
1 5 4 3 4 2  
4 8 25 6  
1 5 1 3 2 4  
5 8 25 7  
1 6 4 3 2 2  
5 8 25 2  
1 3 5 2 6 7  
9 6 25 5  
1 4 9 3 5 3  
9 7 25 7



1 3 4 6 6  
8 12 25 6  
1 7 5 3 4 4  
8 10 25 4  
1 7 6 4 8 3  
8 10 25 3  
1 7 6 3 11 4  
8 11 25 4  
1 4 8 3 4 3  
8 10 26 3  
1 7 8 3 4 4  
8 10 26 4



1 6 7 2 8  
8 7 26 8  
1 8 5 3 7 7  
8 10 26 7  
1 4 7 3 5 3  
8 11 26 3  
1 4 2 6 11 3  
8 11 26 3  
1 8 5 6 2 2  
8 11 26 2  
1 4 3 7 10 3  
8 10 26 3



1 2 3 6 6  
8 12 26 6  
1 4 1 3 2 6  
4 12 26 6  
1 4 1 3 2 6  
4 12 26 6  
1 4 3 4 11 3  
8 11 26 3  
1 2 3 4 7 8  
8 11 26 8  
1 4 3 5 7 8  
8 11 26 8



1 4 3 7 8  
8 11 27 7  
1 4 1 3 2 8  
4 11 27 8  
1 4 1 3 2 8  
4 11 27 8  
1 6 3 4 7 8  
8 11 27 8  
1 2 3 6 7 5  
8 11 27 5  
1 4 3 5 7 8  
8 11 27 8



$\begin{matrix} 1 & 4 & -3 & -2 \\ 5 & -7 & 8 & 28 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 6 & 4 & 13 & -5 & 28 & -8 \end{matrix}$ 
 $\begin{matrix} 1 & -3 & 4 & -2 \\ 8 & 4 & 13 & -6 & 28 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -8 & -7 & -2 \\ 5 & 9 & -3 & 4 & 28 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & -5 & -6 \\ 7 & -3 & 8 & 28 & -8 \end{matrix}$ 
 $\begin{matrix} 1 & -8 & -3 & -6 \\ 4 & 9 & -2 & 7 & 28 & -7 \end{matrix}$



$\begin{matrix} 1 & -3 & 7 & -5 \\ 8 & 2 & -4 & -6 \\ 7 & 10 & 28 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & 2 & 3 & -6 \\ 4 & 8 & -5 & -7 \\ 6 & 12 & 28 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -6 & 2 & 3 \\ 5 & -7 & -4 & -8 \\ 6 & 12 & 28 & -8 \end{matrix}$ 
 $\begin{matrix} 1 & -6 & 3 & 2 \\ 5 & -7 & -8 & -4 \\ 6 & 12 & 28 & -4 \end{matrix}$ 
 $\begin{matrix} 1 & 4 & -2 & -7 \\ 3 & 8 & -5 & -6 \\ 7 & 11 & 28 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & 2 & 5 & -8 \\ 4 & 6 & -3 & -7 \\ 8 & 10 & -3 & 28 & -7 \end{matrix}$



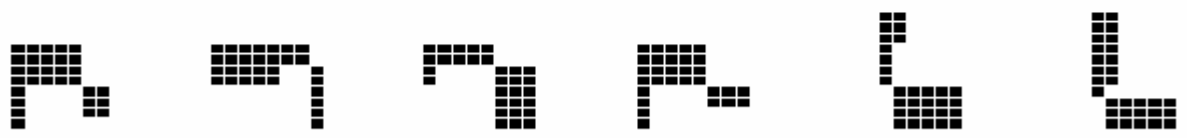
$\begin{matrix} 1 & 2 & 5 & -8 \\ 8 & 3 & -4 & -6 \\ 10 & 28 & -6 & \end{matrix}$ 
 $\begin{matrix} 1 & 5 & 2 & -8 \\ 4 & 6 & -3 & -7 \\ 8 & 10 & 28 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & -3 & 4 \\ 5 & -5 & 8 & -8 \\ 7 & 29 & -8 & \end{matrix}$ 
 $\begin{matrix} 1 & -5 & 6 & -2 \\ 3 & -4 & 8 & -7 \\ 6 & 29 & -7 & \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 6 & -8 & -5 & -7 \\ 4 & 13 & 29 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 8 & -5 & -6 & -7 \\ 4 & 13 & 29 & -7 \end{matrix}$



$\begin{matrix} 1 & -8 & -7 & -2 \\ 4 & -3 & 6 & -6 \\ 9 & 5 & 29 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & -8 & -3 & -6 \\ 2 & -5 & 7 & -4 \\ 9 & -7 & 29 & -4 \end{matrix}$ 
 $\begin{matrix} 1 & -8 & -5 & -4 \\ 3 & -2 & 7 & -7 \\ 9 & -7 & 29 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 8 & -3 & 6 & -5 \\ 6 & 11 & 29 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 6 & 3 \\ 7 & -8 & -4 & 5 \\ 6 & 12 & 29 & 3 \end{matrix}$ 
 $\begin{matrix} 1 & -6 & -2 & 3 \\ 4 & -8 & -5 & -7 \\ 6 & 12 & 29 & -7 \end{matrix}$



$\begin{matrix} 1 & -7 & 2 & 4 \\ 5 & -6 & 11 & -8 \\ 7 & 29 & -6 & 4 \end{matrix}$ 
 $\begin{matrix} 1 & 5 & 2 & -8 \\ 3 & 8 & -4 & -6 \\ 8 & 10 & 29 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & -3 & 4 \\ 5 & -7 & 8 & -6 \\ 7 & 30 & -6 & \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 5 & -7 & 6 & -8 \\ 4 & 13 & 30 & 8 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 7 & -8 & -5 & -6 \\ 4 & 13 & 30 & 6 \end{matrix}$ 
 $\begin{matrix} 1 & -3 & 4 & -2 \\ 6 & -7 & 13 & -8 \\ 4 & 13 & 30 & -8 \end{matrix}$



$\begin{matrix} 1 & 6 & -2 & -5 \\ 4 & -3 & 7 & -8 \\ 7 & 30 & -6 & \end{matrix}$ 
 $\begin{matrix} 1 & -3 & -5 & 7 \\ 6 & -2 & 8 & -8 \\ 8 & 30 & -4 & \end{matrix}$ 
 $\begin{matrix} 1 & -7 & -3 & -5 \\ 2 & -6 & 8 & -4 \\ 8 & 30 & -6 & \end{matrix}$ 
 $\begin{matrix} 1 & -7 & -3 & -5 \\ 4 & -2 & 7 & -8 \\ 8 & 30 & -8 & \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 6 & -5 \\ 3 & -7 & -4 & -8 \\ 6 & 11 & 30 & 8 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 6 & -5 \\ 7 & -8 & -3 & -4 \\ 6 & 11 & 30 & 4 \end{matrix}$

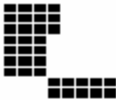
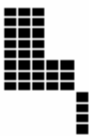
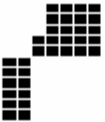
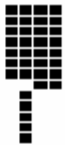






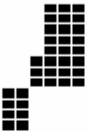
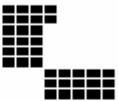


$\begin{matrix} 1 & -3 & 7 & -5 \\ 4 & -8 & -2 & -6 \\ 7 & 10 & 30 & 6 \end{matrix}$ 
 $\begin{matrix} 1 & 2 & 3 & -6 \\ 5 & 7 & -8 & -4 \\ 6 & 12 & 30 & -4 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 8 & -7 \\ 4 & -5 & -3 & -6 \\ 8 & 9 & 30 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & -3 & -6 & 2 \\ 4 & -5 & -7 & -8 \\ 6 & 12 & 30 & 8 \end{matrix}$ 
 $\begin{matrix} 1 & -3 & 8 & -6 \\ 4 & -7 & -2 & -5 \\ 8 & 9 & 30 & 5 \end{matrix}$ 
 $\begin{matrix} 1 & -7 & 8 & -2 \\ 6 & -3 & -4 & -5 \\ 8 & 9 & 30 & -5 \end{matrix}$

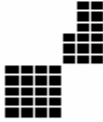
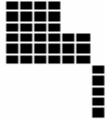


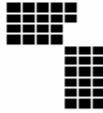
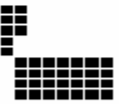



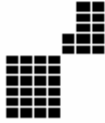




$\begin{matrix} 1 & 2 & 4 & -7 \\ 8 & 3 & -5 & -6 \\ 7 & 11 & 30 & -6 \end{matrix}$ 
 $\begin{matrix} 1 & 2 & -7 & 4 \\ 6 & -8 & -3 & 5 \\ 7 & 11 & 30 & 5 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & -8 & 5 \\ 6 & -7 & -3 & 4 \\ 8 & 10 & 30 & 4 \end{matrix}$ 
 $\begin{matrix} 1 & -2 & -3 & 4 \\ 5 & -6 & 8 & -7 \\ 7 & 31 & -7 & \end{matrix}$ 
 $\begin{matrix} 1 & -2 & 4 & -3 \\ 4 & -8 & -6 & -7 \\ 6 & 13 & 31 & -7 \end{matrix}$ 
 $\begin{matrix} 1 & -3 & 4 & -2 \\ 5 & -6 & -7 & -8 \\ 4 & 13 & 31 & 8 \end{matrix}$


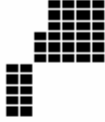












					
1 3 4 5 8 -7 -8 -5	1 4 6 7 6 -8 12 -3 4	1 3 4 8 7 -5 11 -6 3 4	1 6 7 8 4 -2 13 -4 -3 5	1 3 4 5 9 -8 -7 -3 -2	1 3 4 5 6 7 -8 -3 5 -7

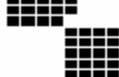





					
1 2 3 4 9 -4 -7 -3 5	1 2 3 4 5 8 -9 -4 -3 5	1 3 4 5 6 7 -8 -4 3 5	1 2 3 4 5 8 -6 -9 -3 5	1 2 3 4 5 9 -5 -8 -4 -7	1 2 3 4 5 6 7 -8 -3 5 -7







					
1 2 3 4 5 7 -6 11 -5 8	1 2 3 4 5 6 7 -8 11 -3 5 8	1 2 3 4 5 6 8 -9 -4 3 5 7	1 2 3 4 5 6 9 -8 -7 -3 6 4	1 2 3 4 5 6 7 -8 -4 -6 3 8	1 2 3 4 5 6 7 8 -9 -4 6 -7

					
1 2 3 4 5 8 -9 36 -6 7	1 2 3 4 5 6 7 -8 11 -6 3 8	1 2 3 4 5 6 7 8 -9 -5 3 6 2	1 2 3 4 5 6 7 8 -9 -4 3 7 5	1 2 3 4 5 6 7 8 -9 -3 7 5 8	1 2 3 4 5 6 7 8 9 -4 3 7 -5

					
1 2 3 4 5 6 7 -8 9 37 -2	1 2 3 4 5 6 7 8 -9 11 -7 3 7 8	1 2 3 4 5 6 7 8 9 -4 7 8 -3 6	1 2 3 4 5 6 7 8 9 -10 3 8 -4 6	1 2 3 4 5 6 7 8 9 -4 3 8 7 8	1 2 3 4 5 6 7 8 9 10 -6 3 8 4 3

					
1 2 3 4 5 6 7 8 -9 10 38 -7	1 2 3 4 5 6 7 8 9 -7 10 38 -4 3	1 2 3 4 5 6 7 8 9 10 -11 3 8 3 8 2	1 2 3 4 5 6 7 8 9 10 -11 4 7 3 8 7	1 2 3 4 5 6 7 8 9 10 -11 4 7 3 8 3 3	1 2 3 4 5 6 7 8 9 10 11 -12 3 8 7 8

					
1 2 3 4 5 6 7 8 9 -10 11 39 -4	1 2 3 4 5 6 7 8 9 10 -11 12 39 -4	1 2 3 4 5 6 7 8 9 10 11 -12 3 9 4 2	1 2 3 4 5 6 7 8 9 10 11 -12 3 9 7 3	1 2 3 4 5 6 7 8 9 10 11 -12 13 39 -2	1 2 3 4 5 6 7 8 9 10 11 -12 3 9 -4

					
1 2 3 4 5 6 7 8 9 10 -11 12 39 -3	1 2 3 4 5 6 7 8 9 10 11 -12 13 39 -7	1 2 3 4 5 6 7 8 9 10 11 12 -13 14 39 7	1 2 3 4 5 6 7 8 9 10 11 12 -13 14 40 -4 2	1 2 3 4 5 6 7 8 9 10 11 12 -13 14 40 -4 2	1 2 3 4 5 6 7 8 9 10 11 12 -13 14 40 -10





$$\begin{matrix} 1 & -6 & 8 & -3 \\ 4 & 9 & -7 & -2 \\ 8 & 46 & & \end{matrix}$$


$$\begin{matrix} 1 & -6 & 8 & -3 \\ 5 & -7 & -2 & 4 \\ 8 & 46 & & \end{matrix}$$


$$\begin{matrix} 1 & -7 & 8 & -2 \\ 4 & -6 & -3 & 4 \\ 8 & 46 & & \end{matrix}$$


$$\begin{matrix} 1 & -2 & -7 & -8 \\ 3 & -4 & 6 & -5 \\ 9 & 6 & 47 & \end{matrix}$$


$$\begin{matrix} 1 & -2 & -5 & -6 \\ 3 & -4 & 8 & -7 \\ 9 & 47 & & \end{matrix}$$

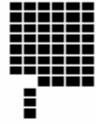

$$\begin{matrix} 1 & -7 & 8 & -2 \\ 3 & -6 & -4 & -5 \\ 8 & 9 & 47 & \end{matrix}$$


$$\begin{matrix} 1 & -7 & 8 & -2 \\ 5 & -6 & -3 & 4 \\ 8 & 47 & & \end{matrix}$$


$$\begin{matrix} 1 & -3 & 8 & -6 \\ 2 & -4 & 7 & 5 \\ 8 & 48 & & \end{matrix}$$


$$\begin{matrix} 1 & -3 & -6 & 8 \\ 2 & -5 & 7 & -4 \\ 9 & 48 & & \end{matrix}$$


$$\begin{matrix} 1 & -5 & 7 & -3 \\ 4 & 6 & -8 & -2 \\ 7 & 10 & 48 & \end{matrix}$$


$$\begin{matrix} 1 & -4 & -5 & 8 \\ 2 & -3 & 7 & -6 \\ 9 & 49 & & \end{matrix}$$


$$\begin{matrix} 1 & -2 & 6 & -5 \\ 4 & 7 & -8 & -3 \\ 6 & 11 & 49 & \end{matrix}$$


$$\begin{matrix} 1 & -2 & 8 & -7 \\ 4 & 9 & -6 & -3 \\ 8 & 49 & & \end{matrix}$$


$$\begin{matrix} 1 & -6 & 8 & -3 \\ 2 & -7 & -4 & 5 \\ 8 & 49 & & \end{matrix}$$


$$\begin{matrix} 1 & -3 & 7 & -5 \\ 2 & -6 & 8 & -4 \\ 7 & 8 & 50 & \end{matrix}$$


$$\begin{matrix} 1 & -3 & 8 & -6 \\ 2 & -5 & 7 & -4 \\ 8 & 9 & 50 & \end{matrix}$$


$$\begin{matrix} 1 & -5 & 8 & -4 \\ 2 & -6 & 7 & -3 \\ 8 & 50 & & \end{matrix}$$


$$\begin{matrix} 1 & -3 & -6 & -5 \\ 2 & -4 & 7 & -4 \\ 9 & 50 & & \end{matrix}$$


$$\begin{matrix} 1 & -3 & -5 & 7 \\ 2 & -4 & 8 & -6 \\ 8 & 50 & & \end{matrix}$$


$$\begin{matrix} 1 & -4 & 8 & -5 \\ 2 & -6 & 7 & -3 \\ 8 & 51 & & \end{matrix}$$


$$\begin{matrix} 1 & -3 & 7 & -5 \\ 4 & 6 & -8 & -2 \\ 7 & 10 & 52 & \end{matrix}$$


$$\begin{matrix} 1 & -3 & -8 & -6 \\ 4 & 9 & 52 & -2 \\ 8 & 52 & & \end{matrix}$$


$$\begin{matrix} 1 & -5 & -8 & -4 \\ 3 & -6 & 7 & -2 \\ 9 & 53 & & \end{matrix}$$


$$\begin{matrix} 1 & -4 & -8 & -5 \\ 3 & -6 & 7 & -4 \\ 9 & 54 & & \end{matrix}$$