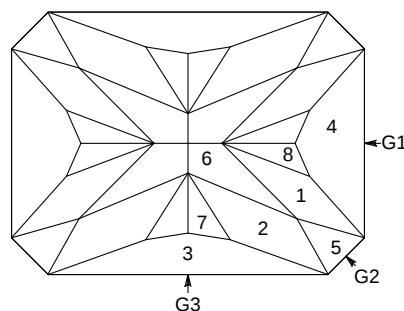
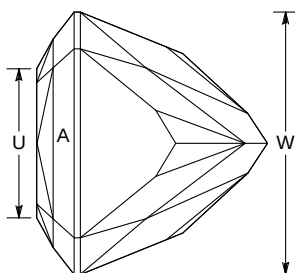
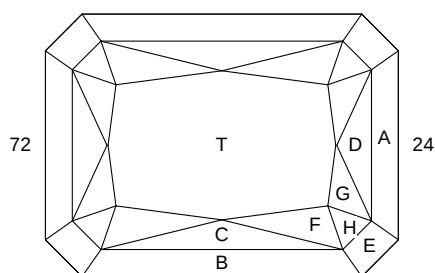


60

48

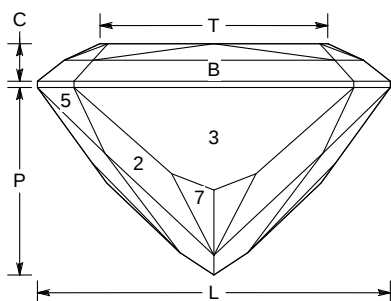
36



84

<96>

12



Mark's Mastery

by John Bailey, 2016

Angles for R.I. = 1.540

53 + 8 girdles = 61 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.347$ $T/W = 0.869$ $U/W = 0.568$

$P/W = 0.715$ $C/W = 0.143$

$Vol./W^3 = 0.528$

PAVILION

G1	90.00°	24-72	
G2	90.00°	12-36-60-84	
G3	90.00°	96-48	
1	44.00°	16-32-64-80	CTP
2	46.00°	09-39-57-87	Meet temp culet
3	68.00°	96-48	Meet 2, G2, G3
4	54.00°	24-72	Meet 1, G1, G2
5	47.00°	12-36-60-84	Level Girdle
6	43.00°	12-36-60-84	Meet 1, 2, 5
7	48.00°	03-45-51-93	Meet 2, 6
8	44.00°	21-27-69-75	Meet 1, 6

CROWN

A	38.00°	24-72	Even Girdle with crown temp facet
B	38.00°	96-48	Even girdle with crown temp facet
C	29.00°	96-48	Meet A, B, crown temp facet
D	24.90°	24-72	Meet A, B, C, crown temp facet
E	33.00°	12-36-60-84	Replace crown temp facet, even girdle
F	20.00°	02-46-50-94	Meet B, C, E
G	20.00°	22-26-70-74	Meet A, D, E
T	0.00°	Table	Meet C, F and D, G
H	21.64°	12-36-60-84	Meet all appropriate junctions

Adapted from many common diagrams of rectangular brilliant originally for diamond.

Crown uses temp facet on i-12 @ 60° to locate meet B-C and A-D.

E:\Dvue2\MarksMastery.gem