

*****COMPLETE GRAPH-12*****

Edges of COMPLETE GRAPH-12:

(4, 11) (2, 12) (6, 11) (4, 12) (6, 12) (1, 10) (10, 11)
 (3, 11) (3, 9) (1, 6) (7, 12) (7, 9) (3, 12) (9, 12)
 (2, 7) (6, 10) (7, 11) (2, 10) (4, 5) (3, 10) (4, 10)
 (8, 12) (8, 9) (2, 8) (9, 10) (4, 6) (11, 12) (1, 8)
 (5, 11) (5, 12) (6, 8) (5, 7) (2, 11) (3, 5) (5, 9)
 (4, 8) (4, 7) (1, 12) (8, 10) (2, 6) (3, 6) (1, 7)
 (7, 8) (5, 8) (1, 5) (3, 8) (9, 11) (3, 7) (3, 4)
 (8, 11) (5, 6) (7, 10) (10, 12) (1, 4) (2, 9) (2, 5)
 (4, 9) (5, 10) (2, 3) (1, 3) (6, 7) (1, 9) (1, 2)
 (2, 4) (1, 11) (6, 9)

VERTICES = 12 EDGES = 66

The Tutte polynomial is represented below. The entry in position (I,J) is the coefficient of $x^J y^I$. Entries in row I represent coefficients of $x^J y^I$ with values of J starting at zero. Notice from I = 0 to I = 10, the columns wrap around after J = 5.

T(G;x,y):

I = 0	3628800	10628640	12753576	8409500	3416930
	902055	157773	18150	1320	55
I = 1	3628800	33595200	66164472	58268408	28188270
	1438668	152592	8910	220	
I = 2	26595360	135283896	193843848	127579056	45288705
	1051050	62700	1485		
I = 3	97839720	342434840	372299840	187248600	49949515
	602910	25740	495		
I = 4	245003660	641701830	546322425	215763625	44778195
	304920	7920			
I = 5	476145450	977880420	670232178	214008102	35855820
	155232	3168			
I = 6	773586495	1286954658	728443716	193483521	27053565
	75768	792			
I = 7	1101951675	1523450082	728587431	164845032	19617180
	32340				
I = 8	1421648745	1668219960	687412935	134941620	13859340
	13860				
I = 9	1699579695	1723249990	621881535	107379800	9568020
	4620				
I = 10	1914284680	1702665976	545154984	83451676	6407940
	924				

I =	11	2056298960	1624901992	466015968	63415968	4148760	99792
I =	12	2125802568	1507950786	389877873	47106906	2588355	44352
I =	13	2129460498	1367181420	319774455	34134870	1541925	16632
I =	14	2077496553	1214661525	257190120	24057000	869220	4752
I =	15	1981434048	1059385734	202740516	16452480	461340	792
I =	16	1852628745	907904151	156529494	10897260	228690	
I =	17	1701481320	764897760	118268370	6971580	103950	
I =	18	1537093140	633565240	87363540	4290440	41580	
I =	19	1367163820	515891200	63021420	2528680	13860	
I =	20	1198011980	412859590	44342991	1420650	3465	
I =	21	1034651442	324629448	30392109	756030	495	
I =	22	880884489	250694025	20257380	377520		
I =	23	739403004	190045230	13103640	174240		
I =	24	611902929	141339495	8205120	72600		
I =	25	499215024	103050552	4958712	26400		
I =	26	401447904	73596072	2882088	7920		
I =	27	318134784	51434680	1603800	1760		
I =	28	248376304	35136640	849420	220		
I =	29	190974344	23430550	424710			
I =	30	144552474	15227586	198198			
I =	31	107659134	9626958	84942			
I =	32	78851124	5907330	32670			
I =	33	56756844	3509010	10890			
I =	34	40120299	2011230	2970			
I =	35	27828009	1107810	594			
I =	36	18921474	583374	66			
I =	37	12598014	291720				
I =	38	8202909	137280				
I =	39	5215639	60060				
I =	40	3232724	24024				
I =	41	1949244	8580				
I =	42	1140634	2640				
I =	43	645854	660				
I =	44	352584	120				
I =	45	184744	12				
I =	46	92378					
I =	47	43758					
I =	48	19448					
I =	49	8008					
I =	50	3003					
I =	51	1001					
I =	52	286					
I =	53	66					
I =	54	11					
I =	55	1					