

# Transitive Groups of Degree 13

No	Group	Order	DimCA	CAZ	DimGA	GrAZ	Cycle_Index
1	C13=13	13	13	T	13	T	$\frac{1}{13}x_1^{13} + \frac{12}{13}x_{13}$
2	D13=13:2	26	7	T	25	F	$\frac{1}{26}x_1^{13} + \frac{1}{2}x_1x_2^6 + \frac{6}{13}x_{13}$
3	F_3913=13:3	39	5	T	37	F	$\frac{1}{39}x_1^{13} + \frac{2}{3}x_1x_3^4 + \frac{4}{13}x_{13}$
4	F_5213=13:4	52	4	T	49	F	$\frac{1}{52}x_1^{13} + \frac{1}{4}x_1x_2^6 + \frac{1}{2}x_1x_4^3 + \frac{3}{13}x_{13}$
5	F_7813=13:6	78	3	T	73	F	$\frac{1}{78}x_1^{13} + \frac{1}{6}x_1x_2^6 + \frac{1}{3}x_1x_3^4 + \frac{1}{3}x_1x_6^2 + \frac{2}{13}x_{13}$
6	F_15613=13:12	156	2	T	145	F	$\frac{1}{156}x_1^{13} + \frac{1}{12}x_1x_2^6 + \frac{1}{6}x_1x_3^4 + \frac{1}{6}x_1x_4^3 + \frac{1}{6}x_1x_6^2 + \frac{1}{3}x_1x_{12} + \frac{1}{13}x_{13}$