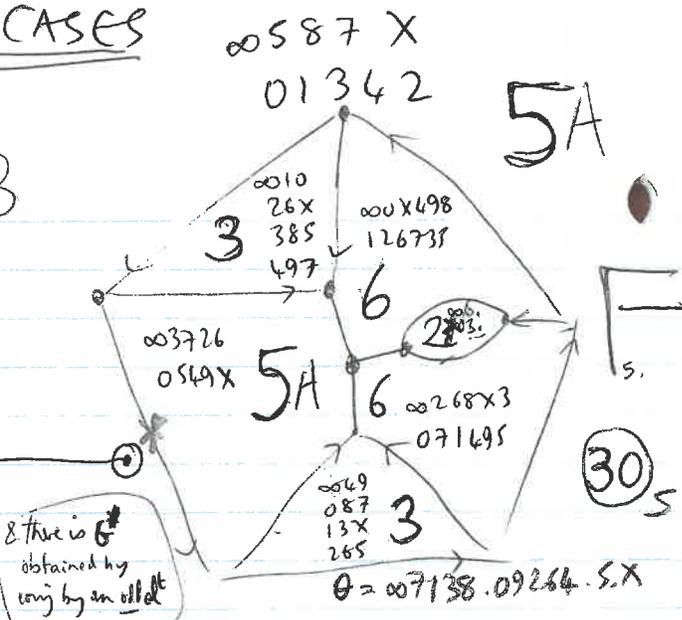
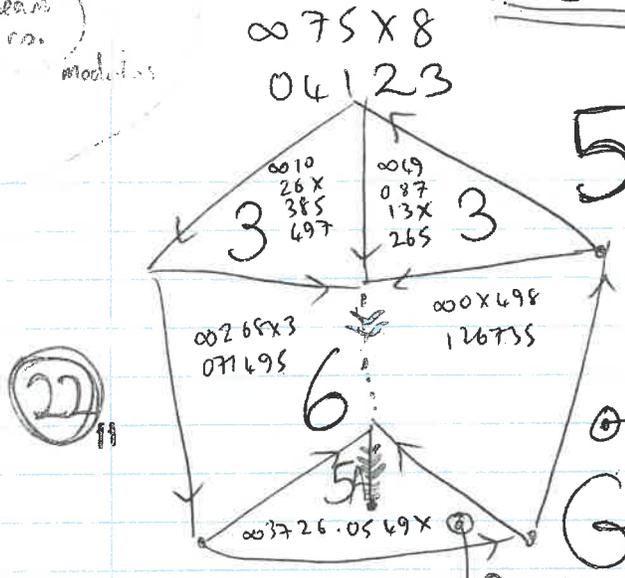


# EVEN CASES

seq. no. modulus



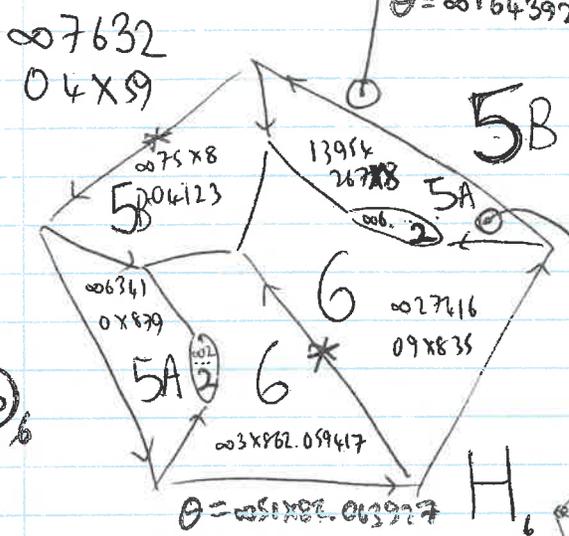
8 there is 6 obtained by conj by an orbit

$\theta = \infty 164392875X.0$

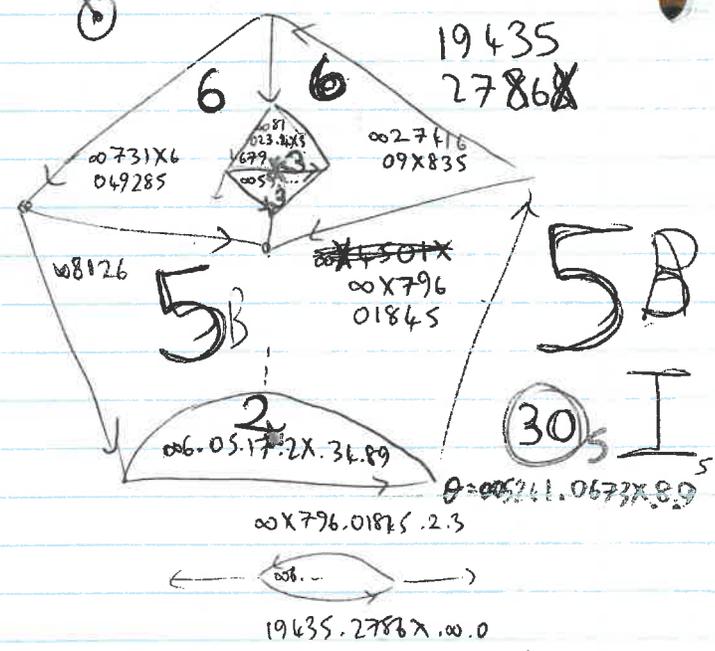
$\infty 79 \times 02.185364$

$\infty 603.19.27.48.5X$

$\infty 268 \times 3.07149S$



2(E-2) NB  $\infty 2.03.14.5.67.89.X$  rotates this.  
So 2-fold sym. is a conj in  $PGL_2(11)$



$\infty X796.01875.2.3$

$19435.2786X.\infty.0$

The sym here is a conj in  $PGL_2(9)$ :-

$\alpha = \infty 75 \times 8.04123.6.9$

$\beta = \infty 7632.04X9.1.8$

$\alpha\beta = \infty 6958.4X1002$

$k = \alpha\beta^2 = \infty 187.032.45X.7.69$

$\beta_1 = k\bar{\beta} = \infty 8126.03975.4.X$

we went  $\beta \rightarrow \alpha \rightarrow \beta_1$  as a conj by  $\lambda$   
so  $\lambda: \frac{1}{8} \rightarrow \frac{1}{9} \rightarrow \frac{1}{X}$

$\lambda = X38942\infty 75016$  makes

$\frac{76-2}{10-2}$

3(E-2)  $\infty 3.02.17.46.5X.8.9$  rotates this.  
So 2-fold sym is conj in  $PGL_2(11)$

memo  $\frac{2}{f} = 9$  for 5A  
 $5$  for 5B