



Math for the people, by the people.

$SL_2(F_3)$

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The special linear group over the finite field  $\mathbb{F}_3$  is represented by  $SL_2(\mathbb{F}_3)$  and consists of the  $2 \times 2$  invertible matrices with determinant equal to 1 and whose entries belong to  $\mathbb{F}_3$ .