Group Bombelli: Find all real roots of the equation, $\sqrt{x+3-4\sqrt{x-1}}+\sqrt{x+8-6\sqrt{x-1}}=1$

Group Cardano: Which polynomial with integral coefficients has roots $\sqrt{2}+\sqrt{3}$ and $\sqrt{2}+\sqrt[3]{3}$

Group Abel: Find a set of integers a, b, c such that $(x-a)(x-10)+1$ can be written as $(x+b)(x+c)$

Group Ruffino: Demonstrate that the number, $2^{1992}-1$ can be written as the product of six integers greater than 2^{248}

Group Tartaglia: If the roots of the equation, x^2+bx+c are the squares of the roots of x^2+x+1 what are b & c

Group Del Ferro: Find all the values of x satisfying the pair of equations: $x^2-px+20=0$ and $x^2-20x+p=0$

Group Abel: **Lauren, Alyssa, Erin**
Group Cardano: Brian, Obie, Devin
Group Tartaglia: Patricia, Alej, Amanda
Group Del Ferro: Alec, Nicole, Dan
Group Ruffino: Jamaal, Andrew, Big Pimpin
Group Bombelli: Petri, Lemens, Kim

All Groups Bonus: Find all solutions to $\sqrt{9-\sqrt{9+x}}=x$