

$E(0)$	0	1	2	3	4	5	6	7	8	sum
0	0	0	0	0	0	blah	blah			0
1	1	3	9	27	81	bleh			$3^8 = 6561$	
2	2	6	18	54	162	blih			13122	$3^9 - 1$
3	3	9	27	81	243	blöh			19683 or 3^9	

$$E(n) = 3E(n-1)$$

sum	prod.	two numbers that has that stuff ←
12	36	6 and 6 $6-\sqrt{0}$ & $6+\sqrt{0}$
12	35	5 and 7 $6-\sqrt{1}$ & $6+\sqrt{1}$
12	34	$6-\sqrt{2}$ and $6+\sqrt{2}$
12	33	$6-\sqrt{3}$ and $6+\sqrt{3}$
12	-253	$6-\sqrt{289}$ and $6+\sqrt{289}$ $12 \div 2 = 6$
98	2280	$49-\sqrt{121}$ and $49+\sqrt{121}$ $98 \div 2 = 49$ $49^2 = 2401$
S	P	$\frac{S}{2} - \sqrt{\left(\frac{S}{2}\right)^2 - P}$ & $\frac{S}{2} + \sqrt{\left(\frac{S}{2}\right)^2 - P}$ $2401 - 2280 = 121$