Basic

$[-n\text{^}2, 0] = C[n]:\ y\text{^}2\ =\ x\text{^}3\ -\ n\text{^}2 * x.$

$pq = rs,\ s =\ p + q + r.$

$xyw(x, y, w)\ :\ n\text{^}2\ =\ x * w,\ w = x + y\text{^}2.$

Relations

$1\ pqrs\ -> 2\ xyw.\ -> 4\ C[n]\ points.$
$xyw(\ pr,\ q + r,\ qs),\ xyw(qr, p + r, ps).$

$1\ pqrs\ -> 1\ Triangle\ (p + r,\ q + r,\ p + q\ ).$

$1\ xyw\ -> 2\ C[n]\ points.$
$P(\ -x, xy)\ ,\ P(w, wy).$

$1\ xyw(x, y, w)\ -> 1\ Triangle(\ y,\ 2n/y\ ,\ h),$
$h:\ h\text{^}2\ =\ y\text{^}2\ +\ (2n/y)\text{^}2.$

$C[n]\ Point\ equivalence$
$P(-a, b)\ -> P(n\text{^}2/a,\ n\text{^}2 * b/a\text{^}2)$
$P(\ +c, d) -> P(-n\text{^}2/c, n\text{^}2 * d/c\text{^}2)$

$$1\ pqrs\ -> 4\ points\ C[n]$$

$$P(\ -pr,\ pr(q+r)),\ P(qs,\ qs(q+r))$$

$$P(-qr,\ qr(p+r)),\ P(ps,\ ps*(p+r))$$

$$1\ pqrs\ -> 1\ triad\ squares$$

$$[\ q-p,\ p+q,\ r+s\ ]$$