For any positive integers n, x, y and z where n is greater than 2, $x^n + y^n \neq z^n$.

$$\forall n, x, y, z \in \mathbb{N}.$$
$$n > 2, x > 0, y > 0, z > 0 \quad \rightarrow \quad x^n + y^n \neq z^n$$

```
1 (n, x, y, z : Nat) →
2         n > 2 → x > 0 → y > 0 → z > 0
3                                 →       Not (x^n + y^n = z^n)
```