$$x^2 + y^2 = z^2 \qquad (1)$$

$$x^2 + y^2 = z^2 \qquad (2)$$

$$x^3 + y^3 < z^3 \qquad (3)$$

$$
\begin{aligned}
x^2 + y^2 &= z^2 \qquad (4)\\
x^3 + y^3 &< z^3 \qquad (5)
\end{aligned}
$$