$$x^2 + y^2 = z^2 \qquad (2.1)$$
$$x^3 + y^3 = z^3$$
$$x^4 + y^4 = r^4 \qquad (*)$$
$$x^5 + y^5 = r^5 \qquad *$$
$$x^6 + y^6 = r^6 \qquad (2.1')$$