TEST Problem

$$|k_{1}n > 1, \quad \boxed{p = 2k-1} \text{ prime}:$$

$$p \left(\binom{n}{2} - \binom{k}{2}\right) \implies p^{2} \left(\binom{n}{2} - \binom{k}{2}\right)$$

8 Find u > 1 $1 + 2^{n} + 4^{n}$ $1 + 2^{n} + 4^{n}$

$$A = 2$$

$$A = 3$$

$$A = 3$$

$$A = 4$$

$$A = 4$$

$$A = 4$$

$$A = 3$$

$$A = 4$$

$$A =$$

$$V_{R} = V_{R} = V_{R$$

$$V_{p}(gcd(a,b)) = nim \left(\frac{V_{p}(a)}{V_{p}(b)} \right) - \frac{b}{\sqrt{a}}$$

$$V_{p}(a) = V_{p}(b)$$

$$V_{p}(a) = V_{p}(b)$$

$$N = \rho_{1} \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \rho_{n}$$

$$V_{\rho_{1}}(N) = \sigma_{1}$$

$$V_{\rho_{2}}(N) = \sigma_{2}$$

$$\vdots$$

$$V_{\rho_{n}}(N) = \sigma_{n}$$

17,18 et Hare

$$n^{3}-7n = x^{2}$$

$$n(n^{2}-7) = x^{2}$$

$$r(n^{2}-7) = x^{2}$$

$$r(n^{2}-7$$

$$7 = 7m$$

$$7m((7m)^2 - 7) = x^2$$

$$4gm(7m^2 - 1) = x^2$$

$$4gm(7m^2 - 1) = yg^2$$

$$4gm(7m^2 - 1) = yg^2$$

$$4gm(7m^2 - 1) = y^2$$

$$4gm(7m^2$$