19 m²-1=18×19×20×21 となる自然教加を求める 18= a 251  $|8 \times 19 \times 20 \times 2| = |\alpha(\alpha+1)(\alpha+2)(\alpha+3)| = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 \times 10 = |8 \times 10 \times 10 \times 10 = |8$  $= a (a+3) \times (a+1) (a+2)$  $= (a^2 + 3a) (a^2 + 3a + 2)$  $= (18^2 \times 3 \times 18) (18^2 + 3 \times 18 + 2)$ = 378 x 380 - 0 -5,  $m^2-1 = (m-1)(m+1)$ D② Ett~7 {m-1 = 378 \$,7, m = 379 正の数 X の整数部分をり、小数部分をりとする。 12  $X = n + P \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1 \quad \xi t > 0 < P < 1$  $X^{2} + P^{2} = 44 \text{ hs. ne lift } zt!!$ ①② \$'), X < n+1 —③  $44 = \chi^2 + p^2 \stackrel{\bigcirc 0}{<} (n+1)^2 + 1^2 = (n+1)^2 + 1$ 43 < 類(n+1)<sup>2</sup>前をする数と類型 : 申請を告诉を また、 ①② より、 n < x となる  $44 = x^2 + p^2 > n^2 + p^2 > n^3 > 5.7,00.44 > n^2 > 1000 886.68$ これをみたすためにはいるのでの全台のののであり、

⑤⑤より、 N=6 がかかる!!

X = 6 + P  $\chi 55$ .  $2ME, X^2 + P^2 = 44 II HALT PERBOD.$ 

$$(6+p)^{2} + p^{2} = 44$$

$$2p^{2} + 12p + 36 = 44$$

$$2p^{2} + 12p - 8 = 0$$

$$p^{2} + 6p - 4 = 0$$

$$P = \frac{-6 \pm \sqrt{36 + 16}}{2} = \frac{-6 \pm \sqrt{52}}{2} = \frac{-6 \pm 2\sqrt{13}}{2}$$

하게 되어 가장하게 그러 된 중심으로 보이는 그는 그를 모든 보는 점점 된 보는 등 이 전에 되는 경우를 된 원리를 보고 하다.

$$\frac{1}{3} \cdot \frac{13}{3} = -3 \pm \frac{13}{12}$$

$$b > 0 \pm 0$$
,  $b = -3 + 113$ 

したがって

$$X = 6 + P = 3 + \sqrt{13}$$

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機械と3年間の別点は新で表別的に、で配別。 とうぎじゅ 4. 1年 機 に、9年12日長におしただで、からにありの試験が多くに<mark>要</mark>で