```
X+8 = 7xh(2) - 6h(2)
       X - Jx ln(2) = -loln(2) - 8
        \chi(1-7/n(2)) = -6/n(2) -8
                     = \frac{-10\ln(2)-8}{}
                              1-71n(2)
2. \left| \log \left( 2x^2 - 1 \right) \right| = 0
    10 (110e) = -14p + 2017
            -14P + 2017
= C
                                         o m(x) = x
                                     * Look up exponent his
           13P = 2017
                                                  * In (A/B) = In (A) - In (B)
                                                ( * In(AP) = p(InA)
            150 = 2017 - In(11)
```

3 (Alternate way). In(11) + In(e) = - 14p + 2017 In(11) + p Inle) = - 14p + 2017 $P = -14p + 2017 - \ln(11)$ 15p=2017-In(11) P=2017-10(11) 7. May (10 +1) = T ct squirrels is growing exponentially and by 11.1. in two years. $= \sum_{n=0}^{\infty} P(t) = P_0(1.11)^{t/2} = P_0((1.11)^{1/2})$ to find how long it takes to triple: 3 Pb= Pb (1.11) 1/2 -> 1 = 2 In (3) = = In (1.11) -> t= 2 In (3) yrs