```
#2. Given line 32+27=1 has its slope - 3
 #1. 4+3 7 44 +6
                                Since 2y = -3x+1
      -39+376
                                           \beta = \left(-\frac{3}{2}x + \frac{1}{2} \cdot \cdot \cdot \cdot (L)\right)
      -39 7 3
      39 < -3
                                 The Slope of a Stranguthine that is perpendicular to
                                the given line (L) has its slope m satisfying that
  Ans: y 5 -1
                                     Now ( slope m = \frac{2}{3} =) Line y - 2 = \frac{2}{3}(x - 1)
point (1,2) y = \frac{2}{3}x - \frac{2}{3} + 2
                                                             y = \frac{2}{3}x + \frac{4}{3}.
#3. (x^2-x+1)(x+1)
     = x3-x2+x+x2-x+1
#4. (-2x^{-2}y^3)^{-3}(4xy)^3 = (-2)^{-3}x^6y^{-9}\cdot 4^3x^3y^3
                               = \frac{x^6 \cdot 4^3 x^3 y^2}{(-2)^3 y^2} = \frac{64 x^9}{-8y^6} = \frac{-8x^9}{y^6}.
#5. 0.000000 1.08 = 1.08×10-7
#6. 27x^6 - 12x^8 = 3x^6(9 - 4x^2) = 3x^6(3 - 2x)(3 + 2x)
#1. \chi^2 + 8\chi = 3 We will complete the Square.
  (=) x2+8x+16= 19
 6) (2+4)2 = 19
 (=) 2+4= ± JP
 4=) X = -4 ± JIP N
```

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#8.
    =\frac{\chi(x+6)}{(x+6)(x-3)}-\frac{2x-1}{x+6}\cdot\frac{x-3}{x-3}+\frac{x-2}{x-3}\cdot\frac{2+6}{x+6}
    = \frac{\chi^2 + 6\chi - (2\chi^2 - \chi - 6\chi + 3) + \chi^2 + 4\chi - 12}{1/\chi - 15}
        (x+6)(x-3)
         \frac{\chi^{2}-8\chi+15}{\chi^{2}+2\chi-35} \cdot \frac{15-2\chi-\chi^{2}}{\chi^{2}+9\chi+14} = \frac{\chi^{2}-8\chi+15}{\chi^{2}+2\chi-35} \times \frac{\chi^{2}+9\chi+14}{\chi^{2}+2\chi-15}
           \frac{1}{y^2} - \frac{1}{2y} - \frac{2}{z^2} \times \chi^2 y^2 \times \chi^2 - 2y^2
              \frac{1}{y^2} - \frac{3}{\pi y} + \frac{2}{z^2} \times \chi^2 y^2 = \frac{3\pi y + 2y^2}{2}
                                                       #13. y = x2+10x+1
 #11. 216 3x = 362x+1
                                                                  = \chi^2 + (0\chi + 25 - 25 + )
     6) (63) 3x = (62) 2x+1
     (=) (9x = 64x+2
    (=) Z= \frac{2}{5}
\pm 12 f(-1) = 5(-1) - (-1)^3
                                                                            (it means height=1.5 moles) a bit wiend)
                 = -5 +1 = -4/
                                                    #15. log 21 @ log 9 + log 3 1+ log 3

lne5 = log 9 + log 3 1+ log 3

= 1+1 5 lne 5

= 1+1 5 lne 5
                      De In numerator
                         also possible.
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