Rules of Exponents Quadratics #1, 2, 3, 4a,5d, Seq Series #3,5,7,8,

Seq. F. Series

This means

"add up all the terms from the term can be term can be

$$t_1 = 2(1)^2 = 2$$
 $t_2 = 2(2)^2 = 8$
 $t_3 = 2(3)^2 = 18$
 $t_4 = 2(4)^2 = 32$

This means

"add up all the terms from the term can be term can be

 $t_1 = 2(1)^2 = 2(1)$

Properties of Exponents

$$(a)^{m}(a)^{n} = 0$$

$$\frac{a^{m}}{a^{n}} = 0$$

$$(a^{m})^{n} = 0$$

$$(a^$$

Seq
$$\frac{1}{3}$$
 Servies
 $\frac{1}{3}$ \frac

Seg: Series \$8) Find the sum of the arithmetic series. 20+17+14+11+...+ $S_n = (t_1 + t_n) n - (a0 + -64) n$ 2(204-64)(29) -64=20+-3(n-1) **-**20

$$t_1 = 3(1) - 5 = -2$$

$$t_2 = 3(2) - 5 = 1$$

$$t_3 = 3(3) - 5 = 4$$

$$t_3 = 3(3) - 5 = 4$$

So...
$$S_n = (t_1 + t_n) n$$
 $\frac{3(30)}{3(30)} = 85$
 $S_{30} = (-2 + t_{30})(30)$

$$\int_{30} = (-\lambda + 85) 30$$

$$\int_{30} = |\lambda + 85| 30$$

Quad

$$(x) = 5$$
 $(x) = 5$
 (x)

Juac # 2) Solve by sprare nots +100

Qual)

Solve by completing the given.

$$X^{2} + 10 \times = 15$$
 years

 $X^{2} + 10 \times -15 = 0$ years

 $X^{2} + 10 \times -15 = 0$ years

 $X^{3} + 10 \times +3 = 40$
 $X^{3} + 10 \times +3 = 40$
 $X^{4} + 10 \times +3 = 40$
 $X^{2} + 10 \times +3 = 40$
 $X^{2} + 10 \times +3 = 40$
 $X^{3} + 10 \times +3 = 40$
 $X^{4} + 10 \times +3 = 40$
 $X^{5} + 10 \times +3 = 40$

Quad)
#4) find the roots y=x2.6x+5 $0 = \chi^{2} - (6 \chi + 5) y_{0}^{0} = (x-5)$ $= -b \pm \sqrt{b^{2} - 4(a)(c)} = (x-5)$