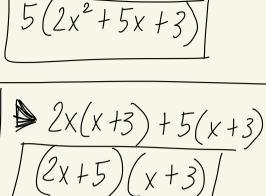
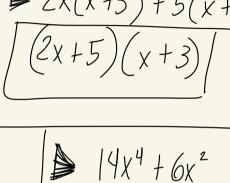
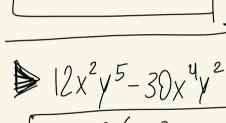


$$\begin{array}{c|c}
 & 10x^2 + 25x + 15 \\
\hline
 & 5(2x^2 + 5x + 3) \\
\hline
 & 2x(x+3) + 5
\end{array}$$







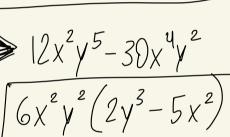


X4-8x3+x2

1/2x2+18x

6x(2x+3)

 $| \chi^{2} (\chi^{2} - 8\chi + 1) |$ 

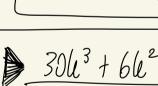


 $12x^2y^5 - 30x^4y^2$ 

№ 44k5-66k4 + 77h3

 $11k^{3}(4k^{2}-6k+7)$ 



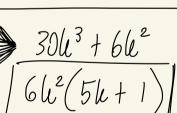
















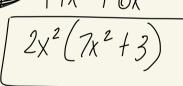




15h4+35h3+20h2

5h²(3h²+7h+4)

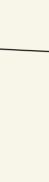










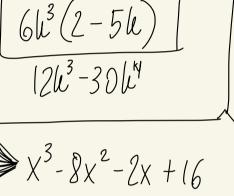


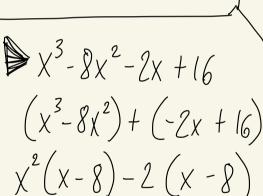
$$2x (3x^{2} + 4x - 2)$$

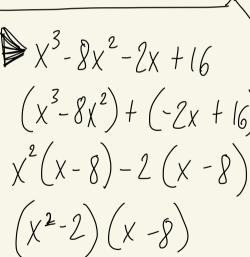
$$12u^{3} - 30u^{4}$$

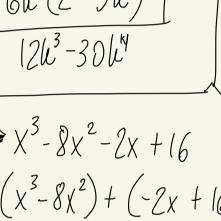
6x3+8x2-4x

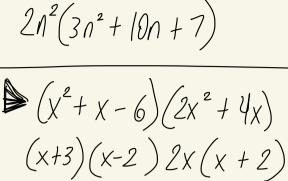




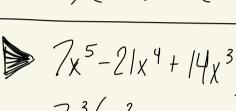


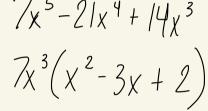


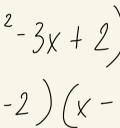


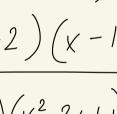


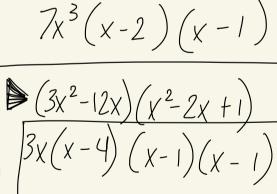
► 6n4 + 20n3 + 14n2

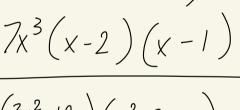












$$9b^{8} + 24b^{3}$$

$$3b^{3}(3b^{5} + 8)$$

$$(1) + 11)^{2} = (1^{2} + 6)$$

$$3b^{3}(3b^{5} + 8)$$

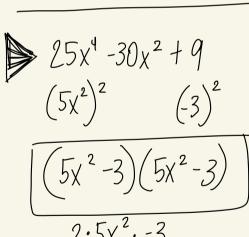
$$(0 + v)^{2} = 0^{2} + 2uv + v^{2}$$

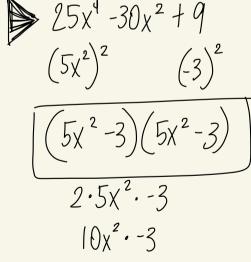
 $\times^{2}(x-8)-2(x-8)$  $(\chi^2 - 2)(\chi - 8)$  $(U-V)^2 = (U-V)(U-V)$ 

 $(x^3 - 8x^2) + (-2x + 16)$ 

$$36x^{4} - (y + 3)^{2}$$

$$25x^{4} - 30x^{2} + 9$$





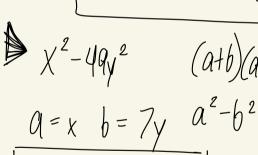
 $-30x^2$ 





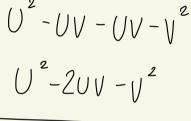


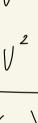


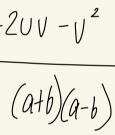


(x+7y)(x-7y)









$$499^{4} - 4$$

$$0^{2} \sqrt{999^{4}} = 79^{2}$$

$$5 = 2$$

$$(79^{2} + 2) (79^{2} - 2)$$

$$499^{4} - 149^{2} + 149^{2} - 4$$

$$499^{4} - 4$$

$$9m^{2} + 30mn + 25n^{2}$$

$$(3m)^{2} + 2 \cdot 3m \cdot 5n + (5n)^{2}$$

 $\left(U+V\right)^2 = \left|\left(3m+5n\right)^2\right|$ 

(3m + 5n)(3m + 5n)

9m² + 15mn + 15mn + 25n²

9m2+30mn+25n2



 $(U+V)^2 = |(7m^2 + 10)^2|$ 

16x²-49y²

 $a = (4x)^2$ 

b = (7y)

(4x + 7y)(4x - 7y) |

16x2-28xy+28xy-49x

16x2-49y2

49m4+140m2+100  $(7m^2)^2 + 2 \cdot 7m^2 \cdot 10 + (0)^2$ 



$\mathcal{I}$				
-3				

$$|x^{2} + 36xy + 8|y^{2}$$

$$(2x)^{2} + 2 \cdot 2x \cdot 9y + (9y)^{2}$$

$$(y + y)^{2} = (2x + 9y)^{2}$$

$$(2x + 9y)(2x + 9y)$$

$$(2x + 9y)(2x + 9y)$$

$$(2x^{2} + 18xy + 18xy + 8|y^{2}$$

$$(2x^{2} + 36xy + 8|y^{2})$$

$$(2x + 9y)(2x + 9y)$$

$$49(c^{2} + 70cd + 25d^{2})$$

$$(7c)^{2} + 2 \cdot 7c \cdot 5d + (5d)^{2}$$

$$(U+V)^{2} = \left(7c + 5d\right)^{2}$$

$$(7c + 5d)(7c + 5d)$$

$$(9c^{2} + 35cd + 35cd + 25d^{2}$$

$$49c^{2} + 70cd + 25d^{2}$$

$$|6n^{6} + 40n^{3} + 25|$$

$$(4n^{3})^{2} + 2 \cdot 4n^{3} \cdot 5 + (5)^{2}$$

$$(4n^{3})^{2} + (5)^{2} + (5)^{2}$$

$$(4n^{3}+5)(4n^{3}+5)$$

$$(6n^{6}+20n^{3}+20n^{3}+25)$$

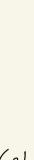
$$(6n^{6}+40n^{3}+25)$$

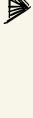
$$(5b-2)^{2}+4$$

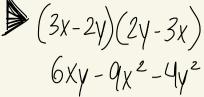
(5b-2)(5b-2)+4

256°-206+8

2562-10b-10b+4+4







6xy-9x2-4y2+6xy

12xy -9x2-4y2

-9x2+12xy-4y2

4h2-1045+10to-25r2

 $\left(2x^2+y^2\right)\left(2x^2-y^2\right)$ 

 $4x^4 - y^4$ 

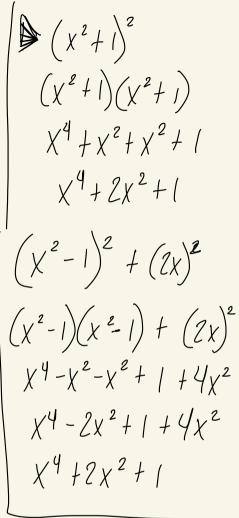
4x4-2x2y2+2x2y2-y4

14le-25/2

$$(3x + 2y)^{2}$$

$$(3x + 2y)(3x + 2y)$$

$$(3x + 2$$



$$S_{n} = \frac{\alpha(1-r^{n})}{(1-r)} \qquad \alpha = \text{first term}$$

$$r = (\text{omman ratho})$$

$$r = \text{first terms}$$

 $= \frac{3(1-4^8)}{1-4} = \sqrt{65535}$ 

 $\left( \left( 1 - \left( -0.99\right)^{80} \right) \right)$ 

N=3

N=6

(=5

Sn = 15624

r=4

[-(-0.99)

 $S_n = \alpha (1-r^n)$ 

15624= a(1-56)

15624 = a(1-15625)

-15624

-62496 = -15624a a = 4

2+8+32+...

 $S_n = O(1-r^n)$ 

 $= 2(1-4^8)$ 

= 2 (1-655%)

= |43690

$$2 + 2 + 63 + \dots$$

$$3 - 3$$

$$0 = 7 \qquad \int_{0}^{1} = 0$$

$$2+21+63+...$$

$$3 - 3$$

$$\alpha = 7 \qquad S_{n} = \alpha C$$

r=3

N = 9

$$2 + 2 + 63 + \dots$$

$$3 - 3$$

$$0 = 7 \qquad \int_{A} = Q(1)$$

$$a = 7 \qquad \int_{1-r}^{1+21+63+...} = \frac{2(1-r^{2})}{1-r} = \frac{7(1-39)}{1-3} = \frac{68887}{1-3}$$

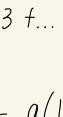
$$3 \quad 3$$

$$3 = 0$$

$$1 + 63 + \dots$$

$$3$$

$$5 = a(1)$$























 $24 + 12 + 6 + 3 + \dots$   $0 = 24, f = \frac{1}{2}, n = 25$ 

 $S_{n} = \frac{\alpha(1-r^{n})}{1-r} = \frac{24(1-\frac{1}{2})}{1-\frac{1}{2}}$ 

 $S(25) = \frac{24(1-\frac{1}{2}^{25})}{1-\frac{1}{2}} = 47.999 = 48M$ 



$$S_{n} = \frac{42,000 \left(1 - \left(1.04\right)^{n}\right)}{1 - 1.04} = \frac{42,000 \left(1 - \left(1.04\right)^{n}\right)}{-0.04}$$

$$0 + \alpha^{2} + \alpha^{3} + \alpha^{4} \qquad C = \frac{3}{4} \qquad n = 4 \qquad S_{n} = 175$$

$$175m \qquad S_{n} = \frac{\alpha \left(1 - \binom{n}{4}\right)}{1 - \binom{n}{4}} \qquad 175 = \alpha \left(1 - \left(\frac{3}{4}\right)^{N}\right)$$

+	48+	36 + 27
7	<u>_2</u>	1 - F

$$\int_{0}^{\infty} \frac{2}{\sqrt{1+\frac{2}{3}}}$$

a=42,000 r=1.04

$$\frac{10^{-1}}{1} = \frac{2}{2}$$

175M

64

$$Q=27, C=\frac{2}{3}, \Lambda=5$$

$$= \frac{27(1-(\frac{2}{3}))}{1-\frac{2}{3}}$$

$$S_{(5)} = \frac{27(1 - (\frac{2}{3})^5)}{1 - \frac{2}{3}} = 70.3$$

$$= 70.\overline{3}$$

$$\frac{1}{4}$$

$$= \frac{-256}{\frac{1}{4}}$$

$$= \frac{175}{4}$$

$$\Omega = |50| C = |.15$$

$$S_{1} = \frac{\alpha(1-c^{2})}{1-c} = \frac{|50|(1-1.15^{2})}{1-1.15} = \sqrt{\frac{150|(1-1.15^{2})}{1-1.15}}$$



$$(3x-2y)(2y-3x) \qquad (2u+5r)(2u-5r)$$

$$6xy-9x^2-4y^2+6xy \qquad 4u^2-10ur+10ur-25r^2$$

$$-9x^2+12xy-4y^2 \qquad \boxed{4u^2-25r^2}$$



$$\int_{0}^{1} = \frac{35,900}{1-1} = \frac{35,000(1-1.03^{\circ})}{1-1.03} = \frac{35,000(1-1.03^{\circ})}{1-0.03}$$

$$(5b-2)^2+4$$
  
 $(5b-2)(5b-1)$ 

(5b-2)(5b-2)+4

$$a = 24, c = 0.5$$

$$S_{n} = a(1-c^{n})$$

$$= \frac{1}{3x + 2y} \left(3x + 2y\right)$$

 $9x^2 + 6xy + 6xy + 4y^2$ 

9x2 + 12xy + 4y2

$$S_{\Lambda} = \frac{\Omega(1-c^{2})}{1-c^{2}} = \frac{24(1-0.5^{2})}{1-0.5} = 24 \cdot \frac{(1-0.5^{2})}{0.5}$$

 $(3x+2y)(3x-2y)+2(2y)^2$ 

9x2-4y2+ 8y2

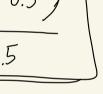
9x2 + 4y2

9x2-6xy+6xy-4y2+2(4y2)

 $(2x^2+y^2)(2x^2-y^2)=4x^2-y^2$ 

4x4-2x242+2xy2-y4

/ 4x4 - y4 /



$$7x^{5} - 21x^{4} + 14x^{3}$$

$$7x^{3}(x^{2} - 3x + 2)$$

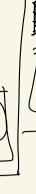
$$7x^{3}(x - 2)(x - 1)$$

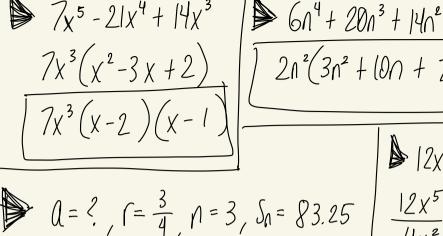
$$0 = ?, (= \frac{3}{4}, ) =$$

 $S_n = O(1-C^n)$ 

 $83.25 = 0 \left( \frac{37}{64} \right)$ 

 $20.8125 = \frac{37}{64} q$ 





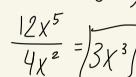
$$2n^{2}(3n^{2} + (0n + 7))$$

$$12x^{5} = 12x^{5}$$



$$|2x^{5} = (4x^{2})(c)$$

$$\frac{|2x^{5}|}{|x^{2}|} = |2x^{3}|$$



$$\int \frac{4\chi^2}{4\chi^2}$$

$$(60)^2 - 2.60.70 + (70)^2$$

$$(6c)^{2}-2\cdot 6c\cdot 7d+(7d)^{2}$$
$$(0-1)^{2}=(6c-7d)^{2}$$

(6c-7d)(6c-7d)

36c2-42cd-42cd+49d2

360°-8400 +490°

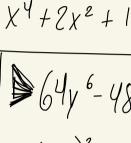
$$\chi^{4} + \chi^{2} + \chi^{2} + 1$$
  
 $\chi^{4} + 2\chi^{2} + 1$ 

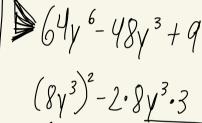
 $\left(\chi^2+1\right)\left(\chi^2+1\right)$ 

 $\left(\chi^2+1\right)^2$ 

$$(3x^2 - 12x)(x^2 - 2x + 1)$$

 $3\chi(x-4)(x-1)(x-1)$ 



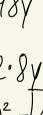


 $= \left(\chi^2 - 1\right)^2 + \left(2\chi\right)^2$ 

 $X^{4} - X^{2} - X^{2} + 1$ 

 $(x^2-1)(x^2-1) + (2x)^2$ 

 $x^{4}-2x^{2}+1+(4x^{2})$ 



 $(8y^3-3)(8y^3-3)$ 

64y6-48y3+9

64y6-24y3-24y3+9

