Aluno: **Leonardo Yukio Aoki** Prontuário: **CB1990233**  Turma: CTII 348

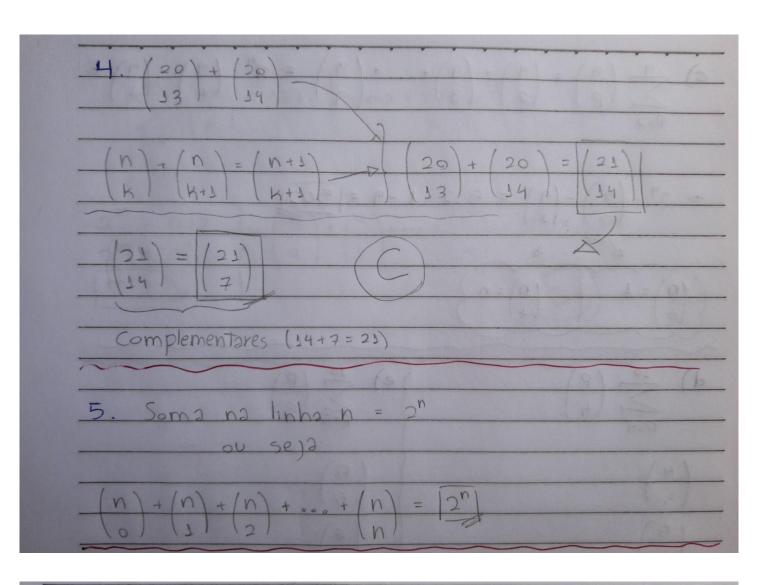
IFSP - Câmpus Cubatão

Tarefa Basica 10

Coeficientes Binomiais

Triângulo de Pascal e tartaglia

1. (8) = 8! = 8.7.6.8! = 336 = 56 3!(8-3)! = 3.2.1.5! = 62. (200) = 200! = 200.199.198! = 200.199 = 198! (200.199)! = 198! . 2! = 2.1= 39 800 = 19 900



6.

a) 
$$\frac{10}{p=0} = \frac{10}{p} + \frac{10}{p} + \dots + \frac{10}{p} = \frac{10024}{10}$$

b)  $\frac{9}{p=0} = \frac{10}{p} + \frac{10}{p} + \dots + \frac{10}{p} = \frac{10024}{10}$ 
 $\frac{10}{p=0} = \frac{1004 - 1}{p} = \frac{10023}{100}$ 

c) 
$$\frac{q}{p} = \frac{q}{2} + \frac{q}{3} + \dots + \frac{q}{q} = \frac{2^q - q}{2} - \frac{q}{2} - \frac{q}{2} + \dots$$

$$\frac{p-2}{p-2} = \frac{p-2}{2} - \frac{q}{2} - \frac{q}{2} - \frac{q}{2} = \frac{p-2}{2} - \frac{q}{2} - \frac{q}{2} + \dots$$

$$\frac{p-2}{p-2} = \frac{p-2}{2} - \frac{q}{2} -$$

P=4
(4)
15)
0 6 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
(4)
(5)
11! = 11.10.9.8.7.61.
5! (11-5)! 5.4.3.2.1. 8!
+ 55 440 = 1462) J29

e) = 10 (P)
P=5 \5
6/8/2
(5)
6
(5)
(6
(70)
(5)
(11)
(G) (G)
complementar de (11)
(5)
Pois 5+6=11
1090:
(11) = 1462
(11) = 1462)

