2º Bimestre - Atividade 3
1) A= {0,1,2} e R= {(x,y) & A x A / x + y < 3}
R= {(0,0), (0,1), (0,2), (1,0), (1,1), (2,0)} > 6 elements
2) A={2,5,6} e B={1,2,3,4,6} R={(x,y) \in A \in B   x \ge y}
R= {(2,1),(2,2),(5,1);(5,2);(5,3);(5,4);(6,1),(6,2),(6,3) (6,4),(6,6)}
Dom. = {2,5,6} Cont. Dom. = {1,2,3,4,6} Ing = {1,2,3,4,6}
3) por of = (2K+4,3K-9)/90 Quadravie (X+, Y-) 20 L0
2k+4>0 = 2k>-4 = k>-2, $3k-9<0 = 3k<9' = k<3$
R= {(x, Y) \in \bar{R} / y = 2k + 4, Y = 3k - 9, -2 \langle K \langle 3}
4) $R = \{(-2,3), (0,4), (1,3), (5,7)\}$ $A = \{-2,0,1,5\}$
I - Falso (-2)
II - Falso II - Verdadeiro  tilibra

5) A= {xER/16 x 63} e B= {xER/26 x 68} R= {(x, y) & AxB / y= 2x } A={1,2,3} e B={2,3,4,5,6,4} Se Y= 2x enis AxB= {(1,1), (2,4), (3,6)} 16x53 e y=2x enin 2 < y < 6 como BC (2546) e AERe BER. então a relogio Representa um função, 6) A= {0,1,2,3,4,5,67,8,9} R= {(x, y) & AxB / Y= Vx c X & par / Y= x+1, X & impar}  $R = \{(0,0), (1,2), (2,\sqrt{2}), (3,4), (4,2), (5,6), (6,\sqrt{6}), (7,8), (7,$ (8, V8), (9, 10)}, 1) A= fxEZ/-14x <2 } c = b= {3,4,7} R= f(x, y) & AxB/ y > x + 4} A= {6,1,2} AxB= {(0,4), (0,7), (1,7), (2,4)} Resposto Dy - R Ton 4. Elementos.

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8/A= {-2,-1,0,3,43 cB= {0,1,2,3,4,5,6,7,8,9}
   R= {(x,y) & AxB / Y= x2}
   R = \{(-2,4), (-1,1), (0,0), (3,9)\}
 Don = {-2,-1,0,3}
CONT DOM = { 0, 1, 9, 93
IM9 - {0,1,4,93
9) A= {xER/X71} B= {YER/Y>2} P: A -B
   f(x) = x2 - 2x +3 enje x2 - 2x +3 > 2 p/x > 1
D_{OM} = \{x \in \mathbb{R} \mid x \ge 1\}
L^2 - 7.1 + 3 = 2
C_{OM} D_{OM} = \{y \in \mathbb{R} \mid y \ge 2\}
e_{M, oo} f_{(x)} = x^2 - 2x + 3 \neq y \ge 2
                                       Le-7.1+3=2
 Ing = { X & IR/ X > 2}
10) A- {XER/X≥ $ } P: A → R (+)= 2x2-Sx+2
  PNIO 21(4) - S. (4) + 2 =
         50-100+32 - 18
Don= {x & pl/x > 5}
CONT DOM = [YER]
 In = { NER/Y > - 9
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tilibra

1

0

6

6

6

0

0

0

0

0

1

11) Ing = {YER /5000 & Y 66000}	
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M.

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