D S (T) Q Q S S — KINDA 19 ▸ 11 ▸ 2019

HAPPY BIRTHDAY

~~b) A=(-1,-7), B=(-4,8)~~

$|x_2 - x_1|^2 + |y_2 - y_1|^2 = \sqrt{(-3)^2 + (15)^2} = \sqrt{9+225} = \sqrt{234}$ → VERIFICAR RESULTADO

$d(p_1,p_2) = \sqrt{234}$ ✓

~~c) A=(0,5), B(-4,8) $d(p_1,p_2) = \sqrt{(-4)^2 (3)^2} = \sqrt{7}$~~ → SEQUÊNCIA ERRADA = FÓRMULA COM SINAL TROCADO

~~$d(p_1,p_2) = \sqrt{7} = \sqrt{2+\sqrt{3}(16)} - (9) = \sqrt{7}$~~

~~d) $(\sqrt{3}, 1)$, $(0,-1)$ → $d = \sqrt{(-\sqrt{3}) - (2)^2} = \sqrt{-3+3}$~~

$(x_2-x_1)^2 - (y_2-y_1)^2$ $\quad d = \sqrt{-3 - (-2)} = \sqrt{7}$ ✗

$= (0-\sqrt{3})^2 - (-1-1)^2 = \sqrt{(\sqrt{3})^2 - (-2)^2} = \sqrt{3-4} = \sqrt{-1}$

$|\sqrt{3} - 0|^2 = |3| = 3 \qquad |-1-1|^2 = 2$

$\sqrt{3} - 2 = \sqrt{1}$.

c) A = (0, 5), B = (5, 0)

$d(p_1,p_2) = \sqrt{(x_2-x_1)^2 - (y_2-y_1)^2} = \sqrt{(5^2) - (5^2)} = 0$

$|x_1 - x_2|^2 = (5^2)$; $|y_1 - y_2|^2 = 5 = \sqrt{(5)^2 - (5)^2}$

$(x_2-x_1)^2 = 25$; $(y_2-y_1)^2 = 25 = \sqrt{25 \cdot 25}$

$\sqrt{25 \cdot 25} = ✗$ $\quad$ res $= 5\sqrt{3}$ logo $= \sqrt{25(2)}$ — IDENTIFICADO

~~$(0+5)^2$ $(-5-0)^2 - (-0-5)^2 = \sqrt{5^2 - (-5)^2}$~~

~~$= 5\sqrt{5} \cdot 25 = \sqrt{25 (25)}$ $(0,5),(0,5) = 0 \cdot 0$~~

~~$(0,5)$~~

~~d) $(\sqrt{3}, 1)$; $(0,-1)$~~ — CORRIGIDO

$(-\sqrt{3})^2 = \sqrt{3}$ $\qquad (1-2)^2 = (-2)^2 = \sqrt{\sqrt{3} - (-2)^2}$

$= \sqrt{3}$ $\quad 3\sqrt{7}$ $\sqrt{(\sqrt{3})^2 - 4} = 3\sqrt{}$

$(\sqrt{3})^2 - (-2)^2 = \sqrt{3-4} = \sqrt{-1}$

~~e) A = (3,4) B = (0,0)~~

$(-3)^2 - (4)^2 = \sqrt{9-16} = \sqrt{-7}$

c) $(0,5), (5,0)$ → $(-5)^2 + (-5)^2 = \sqrt{50} = 5\sqrt{2}$

$\sqrt{25+25} = 5\sqrt{2}$ ✓

d) $(\sqrt{3}, 1)$; $(0,-1)$ → $(-\sqrt{3})^2 + (-2)^2 = \sqrt{3+4} = \sqrt{7}$ ✓

e) $(3,4)$; $(0,0)$ → $(-3)^2 + (4)^2 = \sqrt{9+16} = \sqrt{25} = 5$ ✓