





(5) a) lin # = lin 1 = 1

e) Nos earle limite (1 to)

(3) (3)
$$z = 0 \Rightarrow 1/4$$

$$z = 9$$

$$y = 0 \Rightarrow 2 \Rightarrow 2 \Rightarrow 1/4$$

$$y = 1/4 \Rightarrow 2 \Rightarrow 2 \Rightarrow 1/4$$

$$x = 1/4 \Rightarrow 2 \Rightarrow 2 \Rightarrow 1/4$$

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b)
$$t=0 \Rightarrow x^2+y^2=4$$
 $t=0 \Rightarrow x^2+y^2=4$
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X=0 => == 4-42

(7) a)
$$\left|\frac{3*^2y}{x^2+y^2}\right| \le 3|y| \le 3\sqrt{x^2+y^2} = 3\sqrt{x^2+y^2} < 3\sqrt{6} = \frac{6}{3}$$

a)
$$\left| \frac{1}{x^2 + y^2} \right| \le 8(y) = 3(x^2 + 3y^2) = 3(x^2 + y^2) = 3\sqrt{x^2 + y^2} = 3\sqrt{x^2 + y^$$