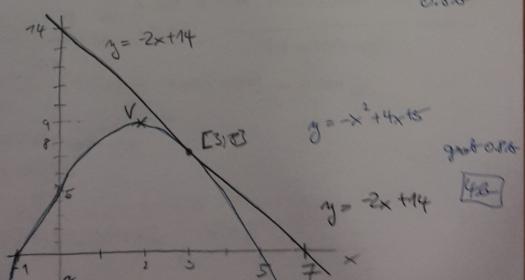
lim  $(\sqrt{m^3+2m^2+m+1}-\sqrt{m^3-2m^2+m-1})\cdot \sqrt{m^3+2m^2+m+1}+\sqrt{m^3-2m^2+m-1}$  $\sqrt{m^3+2m^2+m+1}+\sqrt{m^3-2m^2+m-1}$ = lim  $\frac{4m^2+2}{\sqrt{m^3+2m^2+m+1}} = lim \frac{m^2(4+\frac{2}{m^2})}{m^2(\sqrt{1+\frac{2}{m}+\frac{1}{m^2}+\frac{1}{m^2}} + \sqrt{1-\frac{2}{m}+\frac{1}{m^2}-\frac{1}{m^3}}}$ 198mil Iom. Jena 16  $+\infty$  (4+0)  $\sqrt{1+0+0+0}'+\sqrt{1-0+0-0}' = +\infty \cdot 2 = +\infty$   $\sqrt{2} = +\infty$   $\sqrt{2} = +\infty$ LIM PRECHOD

TECNA :

$$f(3) = -3^2 + 4.3 + 5 = -9 + 42 + 5 = 8$$

PARA BOLA:

$$x^2 - 4x - 5 = 0$$



$$\lim_{X \to +\infty} \int_{-\infty}^{\infty} \frac{1-2x}{1-2x} = \lim_{X \to +\infty} \frac{-2}{1+x} = \lim_{X \to +\infty} \frac{-2}{1+x} = \lim_{X \to +\infty} \frac{-2}{1+x} = \lim_{X \to +\infty} \frac{-2x}{1+x} = \lim_{X \to +\infty$$

$$\lim_{x \to -\infty} \ell \left(1-2x\right) = +\infty(+\infty) = +\infty\frac{1}{46}$$

6) ASTRIPTOTY (colour \$10)

lim 
$$2^{+\times}(1-2x) = \lim_{x\to -\infty} 2^{+\times} \lim_{x\to -\infty} 2^{+\times} = \lim_{x\to -\infty} 2^{+\times} \lim_{x\to$$

1) KONVEX! KONKÁV (cellour 20) +"(4) + Xo= \frac{1}{2} \in D\_4 => Xo = \frac{1}{2} JE INPLEX MI BOD 76 12) GRAF-26 13) H = [-1.2, +00) Ex 14) I MA' GLOBA'CH' MINITUH VBODE X= 32

200

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