3egatura JAF oscusomaemensouro

perincette

B-1

lim

$$3 \times -5 \times^2 + 2$$
 $2 \times 0 + 5 \times^2 - x = \{0\} = 3 = 1.5$

B $\lim_{x \to \infty} \frac{x^2 + 5x^2 - x}{2x \cdot 0 + 5x^2 - x} = \{0\} = 00$

B $\lim_{x \to \infty} \frac{x^2 + 3x^2 - x}{2x \cdot 0 + 3x^2 - x} = \{0\} = 00$

B $\lim_{x \to \infty} \frac{x^2 + \sqrt{3x \cdot 5}}{7x^3 - 2x^2 + 1} = \{0\} = \lim_{x \to \infty} \frac{x^2 + 3x^2}{7x^3 - 2x^2 + 1} = \{0\} = \lim_{x \to \infty} \frac{x^2 + 3x^2}{7x^3 - 2x^2 + 1} = \{0\} = \lim_{x \to \infty} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 5x + 6}{x^2 - 12x + 10} = \{0\} = \lim_{x \to 2} \frac{x^2 - 3x^2}{x^2 - 12x + 10} = \lim_{x \to 2} \frac{x^2 - 3x^2}{x^2 - 12x + 1$

(a)
$$\lim_{x \to 3} \frac{2x^2 + 41x + 16}{3x^2 + 5x - 12} = \lim_{x \to 3} \frac{2}{3x^2 + 5x - 12} = \frac{66}{30} = \frac{11}{5}$$

(b) $\lim_{x \to 3} \frac{x^2 + x - 12}{3x - 2 - \sqrt{1 - x}} = \frac{66}{30} = \frac{11}{5}$

(c) $\lim_{x \to 3} \frac{x^2 + x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{700}{00} = \frac{1}{5}$

(a) $\lim_{x \to 3} \frac{x^2 + x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{700}{00} = \frac{1}{5}$

(b) $\lim_{x \to 3} \frac{x^2 + 5x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{700}{00} = \frac{1}{5}$

(c) $\lim_{x \to 3} \frac{x^2 + 5x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{1}{5}$

(d) $\lim_{x \to 3} \frac{x^2 + 5x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{1}{5}$

(e) $\lim_{x \to 3} \frac{x^2 + 5x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{1}{5}$

(f) $\lim_{x \to 3} \frac{x^2 + 5x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{1}{5}$

(g) $\lim_{x \to 3} \frac{x^2 + 5x - 12}{\sqrt{x - 2} - \sqrt{1 - x}} = \frac{700}{00} = \frac{7}{5}$

(g) $\lim_{x \to 3} \frac{1 - x - 3}{\sqrt{x - 2} + \sqrt{1 - x}} = \frac{700}{00} = \frac{7}{5}$

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$$= \lim_{x \to 8} \frac{(4-x-6)^{2}}{(1-x^{2}+3)} \frac{(4-2)^{2}\sqrt{x}+3/2}{(4-2)^{2}\sqrt{x}+3/2} =$$

$$= \lim_{x \to 8} \frac{(-x-8)}{(4-2)^{2}\sqrt{x}+3/2} =$$

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$$= \lim_{x \to 8} \frac{(-x-8)}{(4-$$

 $\lim_{x\to\infty} \left(\sqrt{(x+1)(x+2)} - x \right) =$ $= \left\{ \infty - \infty \right\} - \lim_{x\to\infty} \left(\sqrt{(x+1)(x+2)} - x \right) \cdot \left(\sqrt{(x+1)(x+2)} + x \right)$ (J(x+1)(x+2)+x) lim (x+1)x+2)-x V(x+1)(x+2)+X X+X+2X+3-x2 V(x+1)(x+2) +x = lim (x+1)(x+2) +x x2,3x+3 x 0 (1 + 3 + 3 + 1) =