

$$\frac{+x^3 - 5x^2 + x + 9}{+x^2 - 4x + 3}$$

Localize near ∞

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$$\frac{+x^3 - 5x^2 + x + 9}{+x^2 - 4x + 3} \Big|_{x \text{ near } +\infty}$$

i. Approximate

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$$\frac{+x^3 + [\dots]}{+x^2 + [\dots]}$$

ii. Divide

$$+x + [\dots]$$

i. Divide

$$+x^2 - 4x + 3 \overline{) +x^3 - 5x^2 + x + 9}$$