





$$\int f(x)dx = F(x) + C$$

A

$$\begin{array}{c} \text{in } / \text{min} \\ \text{in } / \text{min} \end{array}$$

- in / min

in / min

- in / min

-- in / min

$$f(x) = -\left(e^{\frac{x}{-}} + e^{\frac{-x}{-}} \right)$$

-

-

-e

$$\frac{dy}{dx} \quad x - y =$$

$$\frac{-}{y}$$

$$y\rightarrow \left[\frac{x}{y}\left(\frac{x+y}{x}-\frac{x}{x}\right)\right]$$

$$\begin{array}{c} x \\ -\frac{x}{\infty} \end{array}$$

$$\int^{\frac{\pi}{2}} \frac{x}{\sqrt{1-x^2}} dx$$

$$\frac{dy}{dx} = \frac{e^x}{e^{-x}} = e^{2x}$$

$$\begin{array}{l} dy \\ \quad y=\frac{e}{e^x} \\ \quad x= \\ \frac{dx}{dx} \\ \quad dx \\ -\frac{dx}{e dx} \end{array}$$

$$f(x)=\sqrt{\frac{-x}{-x}}$$

$$\begin{array}{l} [-,] \\ (-\infty,-) \cup (-,\infty) \\ (-\infty,-) \cup (-,+) \cup (+,\infty) \\ (-\infty,-) \cup [-,] \cup (+,\infty) \end{array}$$

$$\mathbf{V}$$

$$y = - \quad y = \quad x = \quad \qquad x = e \qquad \qquad y$$

$$\pi$$

$$\frac{\pi(e-)}{e-}$$

$$r(x)=\frac{x-}{(x+)}$$

$$\begin{pmatrix} (&) \\ , - \\ , - \\ , - \end{pmatrix}$$

$$\mathbf{f}$$

$$\begin{array}{r} x \\ + \\ y \end{array} \qquad \qquad \begin{array}{r} x \\ + \\ y \end{array} =$$

$$g(x) = \quad x = \quad x =$$

$$f(x) = x$$

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Reminder

Question 23 will be used again as a tie-breaker, if necessary.

$$\frac{x}{y} + \frac{y}{x} = (-)$$

y

$$\left(- \right)$$

$$\left(-- \right)$$

$$()$$

$$\left(- \right)$$

$$f(x) =$$

$$\begin{matrix} - & (-x) \\ & (-x) \end{matrix}$$

$$\int_{-\pi}^{\pi} (x + \pi) dx$$

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$$\int_{-\pi}^{\pi} (x + \pi) dx$$

$$\int_{-\pi}^{-\pi} (x + \pi) dx$$

$$\int \frac{dx}{x\sqrt{-x}} dx$$

$$\begin{aligned} & - - \quad \left(\frac{x}{-} \right) + C \\ & - \quad \left(\frac{x}{-} \right) + C \\ & - \frac{\sqrt{-x}}{x} + C \\ & \frac{\sqrt{-x}}{x} + C \end{aligned}$$

$$f(x) = x^x$$

$$\begin{array}{r} xx^{x-} \\ x^x \quad x \\ \hline x^x \\ x^x (+ \quad x) \end{array}$$

$$\frac{\text{ft}}{\text{lb}/\text{ft}^3}?$$

$$-\pi \text{ ft-lb}$$

$$-\pi \text{ ft-lb}$$

$$-\pi \text{ ft-lb}$$

$$\pi \text{ ft-lb}$$

$$\frac{\pi \text{ cm}^3/\text{s}}{\text{cm/s}}$$

$$\frac{\text{cm}}{\sqrt{\text{cm}}}$$