



$$f(x) \\ \int f(x) dx =$$

$$f(x) dx$$

$$f() = \quad f() =$$

A

in / min
in / min

- in / min
in / min

- in / min

-- in / min

$$f(x) = -\left(e^{\frac{x}{2}} + e^{-\frac{x}{2}}\right)$$

-

-

-e

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

$\frac{-}{y}$

\underline{y}

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

$$\frac{x}{x}$$

$$\int^{\pi} \frac{x}{\sqrt{x}} dx$$

$$dy \quad y = \frac{e}{e^x} \quad x =$$

$$\frac{dx}{dx} - dx$$

$$e dx$$

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

$$[-,]$$

$$(-\infty, -) \cup (, \infty)$$

$$(-\infty, -) \cup (-,) \cup (, \infty)$$

$$(-\infty, -) \cup [-,] \cup (, \infty)$$

V

$$y = \frac{1}{x} \quad y = \quad x = \quad x = e \quad y$$

π

$$\pi(e -)$$

e -

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

(,)

(, -)

(, -)

(, -)

f

$$\begin{matrix} x & y \\ x & y \end{matrix}$$

$$x + y =$$

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

$$f(x) = x$$

$$f(x) = x^2$$

$$f(x) = x^3$$

$$f(x) = x^4$$

Reminder

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

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

y

$$\left(\frac{\quad}{\quad} \right)$$

$$\left(\frac{\quad}{\quad} \right)$$

$$\left(\frac{\quad}{\quad} \right)$$

$$\left(\frac{\quad}{\quad} \right)$$

$$f(x) = (-x)$$

$$- (-x)$$
$$(-x)$$

$$\int^{\pi} (x + \pi) dx$$

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

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

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

$$\int \frac{1}{x \sqrt{-x}} dx$$

$$= -\left(\frac{x}{-}\right) + C$$

$$= -\left(\frac{x}{-}\right) + C$$

$$= -\frac{\sqrt{-x}}{x} + C$$

$$= \frac{\sqrt{-x}}{x} + C$$

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

$$\frac{xx^{x-1}}{x^x} = x$$

$$\frac{x^x}{x} = x^x (+ x)$$

lb/ft³? ft

— π ft-lb

— π ft-lb

— π ft-lb

π ft-lb

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

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