

$$53. \int e^{-3x} \operatorname{Sen}(5x) dx$$

$$54. \int \ln(x + \sqrt{x}) dx$$

$$55. \int \frac{dx}{1 + e^x}$$

$$56. \int \frac{\operatorname{Sen}(x) \operatorname{Cos}(x)}{\sqrt{1 - \operatorname{Sen}^4(x)}} dx$$

$$57. \int \frac{\operatorname{Arc} \operatorname{Sen}(\sqrt{x})}{\sqrt{1-x}} dx$$

$$58. \int \frac{dx}{\operatorname{Sen}^2(2x) \operatorname{Cos}^4(2x)}$$

$$59. \int \frac{dx}{e^x - 4e^{-x}}$$

$$60. \int \frac{(2x^3 - 4) dx}{(x^2 + 1)(x + 1)^2}$$

$$61. \int \frac{(6 - x) dx}{\sqrt{4x^2 - 12x + 7}}$$

$$62. \int \frac{(x + 1) dx}{x \sqrt{x - 2}}$$

$$63. \int \ln(1 + \sqrt{x}) dx$$