Problem 1: §4.6 #24

Work:

Answer: $V =$

Problem 2: §4.7 #14

Work: (take $x_1 = 1$)

Answer: $x \approx$

Problem 3: §4.8 #16

Answer: $F(x) =$

Problem 4: §4.8 #28

Answer: $f(x) =$

Problem 5: §4.8 # 36

Answer: $f(x) =$

Problem 6: §5.1 # 12

Work:

Answers: (a) $d \approx$ (b) $d \approx$

Problem 7: §5.2 # 36

Work:

Answer: $\displaystyle\int_{-1}^{3} (3 - 2x)\, dx =$