

p 245 ex2

4.4A

a) graph the scatterplot and use a quartic regression

$$y = .0018x^4 - .063x^3 + .82x^2 - 3.07x + 4.55$$

b) In what year should it reach a price of \$17.0?
what year should it reach \$50.0?

$$x \approx 12.43 \rightarrow 1992, \quad x \approx 18.83 \rightarrow 1998$$

c) What might be the price in year 2000?
and this year?

$$x=20 \quad y = \$13.41 / \quad x=29 \quad y = \$369.78$$

d) When did the price reach a min?

$$x = 2.51$$

1982

p246 #1-4, 6-12 even