PC Sec 3-6 p. 189 (1-5, 7, 10)

① Each data item multiplied by a, where $a \neq 0$.

② $\frac{205}{1965} = \frac{585.0}{94.5} = 6.19(2000) = \boxed{\$12,381}$

③ 1975 to 1980

$\frac{298.8 - 161.2}{161.2} = \boxed{85.36\%}$

④ a) i) $250 - 135 = \$115$

ii) \$150, \$175, \$205, \$220

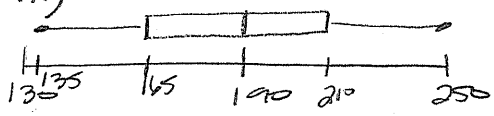
iii) \$190

iv.) \$188.82

v.) $(14.724804)^2 \cdot 2^2 = \$867.28$ $\quad (s_x)^2 \cdot 2^2$

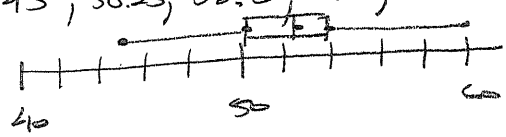
vi) \$29.45

b)



⑤ a) $\frac{6}{8} = \frac{3}{4}$

b) 45, 50.25, 52.5, 54, 60



⑦ C

⑩ Median: \$263,364 $\quad (\$258,200 \cdot 1.02)$

IQR: \$82,520 $\quad (\$81,000 \cdot 1.02)$