1) 
$$\int_{1}^{2} \frac{255}{160} \int_{1}^{2} \frac{1}{160} \int_{1}^{2} \frac{1}{160}$$

5.) 
$$x = 40$$
  $x = 60$   $x = 80$   
 $-45.8 + 2.35(40) = 444.2.$   $81.2$   $134.2$   
6.)  $CI = 95\%$   $t^{2}.005_{10} + 2.300$   
 $\infty = 0.05_{10} = 444.2.$   $(2.360/(1.55)) \frac{1}{10} + \frac{(30-712)^{5}}{(4011.0)} = (44.2 \pm (2.360/(1.755)(0.0.01)))$   
 $x = 40$   $44.2 \pm (2.360/(1.755)) \frac{1}{10} + \frac{(30-712)^{5}}{(4011.0)} = (44.2 \pm (2.360/(1.755)(0.0.01)))$   
 $x = 40$   $32.7 + 10$   $44.2 \pm (2.360/(1.755)) \frac{1}{10} + \frac{(30-712)^{5}}{(4011.0)} = 84.2 \pm (2.360/(1.755)(-44.05))$   
 $84.2 \pm 17.16$   $72.04 \le y \le 102.366$   
 $x = 60$   $134.2 \pm (2.360/(1.755)) \frac{1}{10} + \frac{(30-775)^{5}}{(4011.0)} = 134.2 \pm (2.360/(1.755)(0.313))$   
 $134.2 \pm 13.14$   
 $121.06 \le y \le 102.366$   
 $x = 60$   $134.2 \pm (2.360/(1.755)) \frac{1}{10} + \frac{(30-775)^{5}}{(1.25)} = 134.2 \pm (2.360/(1.255)(0.313))$   
 $134.2 \pm 13.14$   
 $121.06 \le y \le 147.34$   
 $49.1.6$   $124.9 \le 10.413$   
 $121.06 \le y \le 147.34$   
 $121.06 \le 149.36$   
 $121.06$ 

 $\sim$ 

24.  

$$r^{2} = 1 - \frac{554}{2y^{2} - \frac{(57)^{2}}{9}} = 1 - \frac{2551.44}{186537 - \frac{(1779)^{2}}{10}} = \frac{.881124}{.881124}$$

$$SSE = 2y^{2} - bo^{2}y = b_{1} \sum xy$$

$$= 186533 - (-46.186)(1239) - (2.255)(107386)$$

$$= 2531.44$$
5.  $\chi = 40, 60, 80$ 

$$\int = -46.186 + 2.255(40) = \frac{144}{.94}.014$$

$$= -46.186 + 2.255(40) = \frac{194.204}{.8502}$$
6.  

$$\int \frac{1}{2} \frac{1}{4} \frac{1}{8} \frac{1}{8} \frac{1}{2} \frac{1}{2} \frac{1}{5} \frac{1}{5} \frac{1}{5} \frac{1}{5} \frac{1}{2} \frac{1}{5} \frac{1$$

- (