Quiz 5

(5)
$$Q_{4}^{4}=5.3!-30$$
 (5) $Q_{3}^{3}=10.2!=20$

Total: 30 +20 = 50

 $S(4,3) = {4 \choose 2} = {6}$

$$0.0000$$

$$0.0000$$

$$0.0000$$

$$0.0000$$

$$0.0000$$

$$0.0000$$

$$0.00000$$

$$0.0000$$

5(4,1)=6 5(4,2)=11 5(4,3)=6 5(4,4)=1

5(4,4)=1

3)
$$s(7.2) = s(6.1) + 6.s(6.2)$$

= 120 + 6.274 = 1764

$$(12-4+1)=(9)$$

7)(a)
$$P(X) = \{ \phi, \S13, \S63, \S87, \S1,63, \S1,83, \S6,87, \S1,6,83 \}$$
(b) 2"

chouse subset of size for from the positions to place the 1's

Need no consective 1's so