(2)
$$\overline{X} = \frac{SS \times B(A,Y)}{SSB(A,Y)} = \frac{12}{8} = \frac{3}{2}$$

$$\overline{Y} = \frac{SS \times B(A,Y)}{SSB(A,Y)} = \frac{70}{8} = \frac{5}{2}$$

$$SSB(A,Y) = B(1/1) + B(2/1) + B(3/1) + B(4/1) + B(5/1)$$

$$+ B(1/2) + B(2/3) + B(3/2) + B(4/2) + B(5/2)$$

$$+ B(1/3) + B(2/3) + B(3/3) + B(4/3) + B(5/3)$$

$$+ B(1/3) + B(2/3) + B(3/3) + B(4/3) + B(5/3)$$

$$+ B(1/3) + B(2/3) + B(3/3) + B(4/3) + B(5/3)$$

$$+ B(1/3) + B(2/3) + B(3/3) + B(4/3) + B(5/3)$$

 $55 \times B(X,4) = 1B(11) + 2B(2,1) + 1B(12) + 2B(22) + 1B(13) + 2B(23) + 1B(14) + 2B(24)$

=12

 $55y \cdot B(X,Y) = 1 \cdot B(1.1) + 1 \cdot B(2.1)$ $2 \cdot B(1.2) + 2 \cdot B(2.2)$ $3 \cdot B(1.3) + 3 \cdot B(2.3)$ $4 \cdot B(1.4) + 4 \cdot B(2.4)$ = 20

