## HW2

1.

$$\int_{0}^{1} \left( \int_{0}^{1} (x) \right) = \frac{(x+8)(x+12)}{19 \times (-21)} = \frac{(x-8)(x+12)}{399}$$

$$\int_{0}^{1} \left( \int_{0}^{1} (x) \right) = \frac{(x-8)(x+12)}{760} = \frac{(x-8)(x+12)}{399}$$

$$\int_{0}^{1} \left( \int_{0}^{1} (x) \right) =$$

2、3.

2 3,0 8,0 4  3 40 5,0 -3 - $\frac{7}{2}$ We wan $\frac{1}{2}$ W(x) = $\frac{3}{2}$ $\frac{1}{2}$ W(x) = $\frac{3}{2}$ $\frac{1}{2}$ O, $\frac{1}{2}$	+ X(X-1)-3x(X-1)(X-2)
1, $+11$ ) = $-0.05$ $+[0,1] = -1.5$ 3, $+(3) = -0.05$ $+[1,3] = -0.05$ $+[0,1,3] = \frac{14}{24}$ 3, $+(3) = 0.6$ $+[3,3] = 0.6$ $+[1,3,3] = 0.3605$ $+[0,1$	-0,03194 1)