Q7

341 +74-61=10 e2x

Yc. 312+71-620

(=-7+J49+72 6 -7+J121

 $\frac{r^{2}-7!}{6}=\frac{2}{3},-3$

E, W. - 50 6st 16 = ERI - 106sx

· Yp- Hezk

Yp : 24e2x

10" = 4 Ae2"

1.5 14 62x +14 46x - 61462x = 1065x

204=10

: X(f) = (, e2/3x + (2e-3x + 6)2x

X(f) = 3 (16 s(3x - 3 (56.3x + 65x

X61 = C, + C2 = 0

x'(0) = 33c, -3c2 =0

-3(2:3(2

-11/2=0 : (1=(2=0

(X(f) = 65x