$Q_{1} = \frac{1}{2}$ $Q_{2} = \frac{1}{2}$	$\frac{1}{2}$ $\frac{2}{2}$
$\frac{1}{3}$	$\frac{2}{3}$
94-	$\frac{4}{2}$
	5
	$Q_2 = Z \qquad Q_1 = Q \qquad Q_2 = Q \qquad Q_3 = Q \qquad Q_4 $
	$a_2 = 4$ $a_3 = 6$ $a_n = 2 \cdot n$
	$\alpha_1 = 1 \qquad \alpha_2 = \frac{1}{2} \qquad \alpha_3 = \frac{1}{3} \qquad$
$Q_{\Lambda} = Q$ $Q_{\Lambda} = Q$	$Q_2 = Q$ $Q_3 = Q$
$\alpha_{n} = \frac{5}{n}$	$\alpha_1 = \frac{5}{1} = 5$ $\alpha_2 = \frac{5}{2}$
	$a_{100} = \frac{5}{100}$
$\alpha_n = 5$ $\alpha_1 = 5$ $\alpha_2 = 5$	$=5 a_3 = 5 \dots a_n = 5$ $\lim_{n \to \infty} a_n = 5$
$Q_{n} = \frac{1}{n}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{3}$	n -7 \times
$ \begin{cases} $	123456
	an 1 +
$\lim_{n \to \infty} \alpha_n = 0$	
$\frac{1}{1}$	
	$ a_n - O < \varepsilon$
	lan1 < E - E < an < E
$Q_{n} = \frac{1}{n}$	$\lim_{n\to\infty} \alpha_n = \lim_{n\to\infty} \frac{1}{n} = 0$
	A - 9
	7
$\alpha = 0$	-C/ - C/
dirergent	EX-E
$\alpha = \alpha^2$	$-\frac{1}{n^2} - \frac{1}{2}$ $-\frac{1}{n^2} - \frac{1}{n^3} = \frac{3}{n^2}$
$\frac{1}{3}$	$\frac{-2}{1/n^3} = \frac{1}{1/n^3} = \frac{1}{1-\frac{2}{1/3}}$
	$\frac{1}{2} - \frac{2}{3} \qquad . \qquad \frac{1}{2} - \frac{3}{3} $