#50 - n = ln(n) ln(2n) ln(2n) ln(2n) = ln(2n) = (ln) =

9

- Mush 11)
$$94 \text{ W} #7$$

\$\frac{10.1}{40}\$

\$\frac{10.1}{40}\$

\$\alpha_n = \frac{3}{3} \\
\$\lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} \\
= \lim_{n \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \tau \in \text{\frac{3}{6}}} = \lim_{n \tau \tau \text{\frac{3}{6}}} = \lim_{n \tau \tau \text{\frac{3}{6}}}

50
$$a_n = \frac{h(n)}{h(n)}$$
 $\lim_{n \to \infty} \frac{h(n)}{h(n)} = \lim_{n \to \infty} \frac{(\sqrt{n})}{(\sqrt{n})} = 0$
 $\lim_{n \to \infty} \frac{h(n)}{h(n)} = \lim_{n \to \infty} \frac{(\sqrt{n})}{(\sqrt{n})} = 0$
 $\lim_{n \to \infty} \frac{h(n)}{h(n)} = \lim_{n \to \infty} \frac{(\sqrt{n})}{(\sqrt{n})} = 0$

Homework week #7

$$A_{n} = (3^{n} + 5^{n})^{n}$$

$$= \begin{cases} l_{n} l_{n}(3^{n} + 5^{n}) \\ = l_{n} l_{n}(3^{n} + 5^{n}) \end{cases} = \begin{cases} 3^{n} l_{n} + 5^{n} l_{n} + 5^{n} \\ = l_{n} l_{n} + 5^{n} \end{cases}$$

$$= \begin{cases} l_{n} l_{n}(3^{n} + 5^{n}) \\ = l_{n} l_{n} + 1 \end{cases} = l_{n} l_{n} + l_{n} +$$

Section 10.2. (+1)

$$\frac{3u}{463} = \frac{3^{4} + 3^{4}}{4^{5}} = \underbrace{3u}_{1-3u} + \underbrace{3u}_{1-3u} = \underbrace{1 + 3 = 9}_{1-3u} + \underbrace{1 + 3 = 9}_{1-3u$$