AP Calc AB: HW 1.5C

$$\lim_{n \to 0} \frac{\sqrt{n}}{(x-n)^{3}} = \lim_{n \to \infty} \frac{\sqrt{n}}{(x-n)^{3}}$$

$$= \lim_{h \to 0} \frac{h^3 - 3h^2 + 3h - 1 + 1}{h}$$

=
$$\lim_{h\to 0} h^2 - 3h + 3$$

