$$\lim_{x \to g^{+}} \frac{1}{x - 8} = \infty$$

$$\lim_{x \to g^{+}} \frac{1}{x - 9} =$$

Laws n pos. int.

6.
$$\lim_{x\to a} (f(x))^n = \lim_{x\to a} f(x)$$

7. $\lim_{x\to a} (f(x))^n = \lim_{x\to a} f(x)$

9. $\lim_{x\to a} (f(x))^n = \lim_{x\to a} f(x)$

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19.

$$|| \frac{x^2 - 1}{x - 1}| = \frac{(x - 1)(x + 1)}{x - 1} = x + 1 \quad (x \neq 1)$$

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$$|| \frac{x^2 - 1}{x - 1}| = \frac{(x + 1)(x + 1)}{x - 1} = x + 1 \quad (x \neq 1)$$

$$|| \frac{x}{x - 1}| = \frac{x}{x - 1} = x + 1 \quad (x \neq 1)$$

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Squeeze
$$7hm$$
 If $f(x) \leq g(x) \leq h(x)$ when $x \neq a$,

and $\lim_{x \to a} f(x) = \lim_{x \to a} h(x) = L$,

then $\lim_{x \to a} g(x) = L$.

$$\lim_{x \to a} \chi^2 = \lim_{x \to a} \chi^2 =$$

 $r = \sqrt{\frac{1000}{1000}} \approx 17.8412$

Needed:

