Limits at as.

$$\frac{1}{x-1} + 2 = \frac{2x-1}{x-1}$$
When x is lose, $\frac{2x-1}{x-1} = \frac{2x}{x} = 2$.

$$(2.16/11/xon-1 = 2.16/11/xon!)$$
We'll express this vin lum $\frac{2x-1}{x-20} = 2$.

There's how we can justify:

top = 00
bolton >00
0 > also

Instead:

Now:
$$\lim_{x\to\infty} \frac{1}{x} = 0$$

So
$$\lim_{x \to \infty} \frac{2 - \frac{1}{x}}{1 - \frac{1}{x}} = \lim$$

Facts you will need:

3: $\frac{1}{2}$ \frac

[Real text about velution between abjuptions + infinite lands].