



Enter a function

Function $(x-2)/(x^2-x-2)$ Variable x at 2 Direction $\text{right} \downarrow$

Start

$$\lim_{x \searrow 2} \frac{x-2}{x^2-x-2}$$
$$= \lim_{x \searrow 2} \frac{1}{x+1}$$

The factor rule has been applied.

☒ Show Hints

Get Hint

Constant

Identity

Constant Multiple

Sum

Difference

Product

Quotient

Power

Change

l'Hopital's Rule

Divide by zero

Factor

Rewrite

Exponential

Natural Logarithm

<trig>



<hyperbolic>



<arctrig>



<archyperbolic>



Undo

Next Step

All Steps

Close