

Verify

Find undefined (singularity) points: $a=0$

take $\frac{1}{5a} - \left(\frac{1}{5a^2} + \frac{1}{a}\right)$ and compare to zero

Solve $5a=0 : a=0$

Solve $5a^2=0 : a=0$

$a=0$

The following points are undefined

$a=0, a=0, a=0$

Combined undefined points with solutions:

$$a = -\frac{1}{4}$$