

code

```
\lua      {tex.print("$\string\sqrt{2} = " .. math.sqrt(2) .. "$")}  
\luatex   {tex.print("$\string\sqrt{2} = " .. math.sqrt(2) .. "$")}  
\rescan{\lua{tex.print("$\string\sqrt{2} = " .. math.sqrt(2) .. "$)}}
```

result

$\sqrt{2} = 1.4142135623731$

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