$$\sqrt{98} = 9.899494$$

$$\sqrt{98} = 9.899494$$

$\sqrt{98} \rightarrow 9.899494937$

$\sqrt{99} \rightarrow 9.949874371$

$\sqrt{9998} \rightarrow 99.9899995$

$\sqrt{9999} \rightarrow 99.99499987$

$\sqrt{999998} \rightarrow 999.998\ldots$

$\sqrt{999999} \rightarrow 999.9995\ldots$

$\sqrt{77} \rightarrow 8.774964387...$

$\sqrt{9797} \rightarrow 98.97979592...$

$\sqrt{997997} \rightarrow 998.997997...$

$\sqrt{99979997} \rightarrow 9998.99979997...$

```
a = 0, b = 1

while b <= 10:
    a = a + b
    b = b + 1

print a
```

$\sqrt{764} \rightarrow 27.64054992...$

$\sqrt{765} \rightarrow 27.65863337...$

$\sqrt{5711} \rightarrow 75.57115852...$

$\sqrt{5736} \rightarrow 75.73638492...$

$\sqrt{76394} \rightarrow 276.3946454...$

$\sqrt{2798254} \rightarrow 1672.798254...$

$\sqrt{7639321} \rightarrow 2763.932163...$

$\sqrt{8053139} \rightarrow 2837.8053139...$

764
76394
7639321
763932023
76393202251
7639320225003
76393202250021O
763932022500209 92
763932022500210 2784

$(3-\sqrt{5})$

$$(3-\sqrt{5})$$

$$0.763932022500...$$

$$(3-\sqrt{5})10^{2n+1}$$

0.763932022500...

$$\lceil (3-\sqrt{5})10^{2n+1} \rceil$$

0.763932022500...

python

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