

```
[> restart;
[> evalf(sum(sqrt(k), k = 1 ..100), 30);
671.462947103147753934214096882 (1)
[> evalf(sum(sqrt(k), k = 1 ..1000), 30);
21097.4558874807353553852737016 (2)
[> evalf(sum(sqrt(k), k = 1 ..10000), 30);
666716.459197108355926683982798 (3)
[> evalf(sum(sqrt(k), k = 1 ..100000), 30);
2.10820089739177405574448420012 107 (4)
[>
```