

Exercises for "Maple Essentials, Lesson 1"

1. Use Maple to raise 15 to the 137-th power. Use the "length" command to find how many digits there are.

2. Calculate pi times the square root of 35 to 25 digits.

3. Find a numerical approximation to $\frac{3 + \sin(\sqrt{\pi})}{4 - \sqrt{3}}$.

4. Use the "seq" command to display, in the form of a sequence, the square roots of the first 25 positive integers.

Now get the sequence of approximations to these square roots to three decimal places