

In[18]:= **2 + 2**

Out[18]= 4

In[19]:= **a = 22 / 7**

**b = Pi**

**N[(a - b) / b]**

Out[19]=  $\frac{22}{7}$

Out[20]=  $\pi$

Out[21]= 0.000402499

In[22]:= **N[(Sqrt[10] - Pi) / Pi, 4]**

Out[22]= 0.006584

In[23]:= **firstfive = {1, 2, 3, 4, 5}**

**firstfive[[5]]**

**firstfive[[2]] = Pi**

**firstfive**

Out[23]= {1, 2, 3, 4, 5}

Out[24]= 5

Out[25]=  $\pi$

Out[26]= {1,  $\pi$ , 3, 4, 5}

In[27]:= **firstTen = Table[i, {i, 1, 10}]**

**squareRoot = Table[{firstTen[[i]], N[Sqrt[firstTen[[i]]], 3]}, {i, 1, 10}]**

Out[27]= {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

Out[28]= {{1, 1.00}, {2, 1.41}, {3, 1.73}, {4, 2.00}, {5, 2.24},  
{6, 2.45}, {7, 2.65}, {8, 2.83}, {9, 3.00}, {10, 3.16}}