Aim : To use sage maths as a calculator for basic mathematical operators

Q1:-

In [ ]:
```
5*(3^3) + (21//5) - 15
```

Q2:-

In [ ]:
```
34/2 - 7 + 4 + 5 ** 2 + 10%2
```

Q3:-

In [ ]:
```
25 * 2 + 7 -6^2
```

Q4:-

In [ ]:
```
64-4*(13- 3*2 +8/4 -7^2)+4
```

Q5:-

In [5]:
```
(2*3**3/9)+3*(6+12)-(7+4)
```
Out[5]:

49

Q6:-

In [6]:
```
7+2/3, 7+4, 7+6*5, 7+2**4, 7+12%5
```
Out[6]:

(23/3, 11, 37, 23, 9)

Q7:-

In [7]:
```
a=7;b=a-2 ;c=b**3;c
```
Out[7]:

125

Q8:-

In [8]:
```
a=4;b=sqrt(a);c=b+2;d=c%3;d
```
Out[8]:

1

Q9:-

```
a=sin(pi/4);b=a+6;c=b*2;d=(c-4);d
```

Out[9]:

```
sqrt(2) + 8
```

Q10:-

In [10]:

```
a=cos(15%3);b=a-2;c=b**3;d=c+exp(3);d
```

Out[10]:

```
e^3 - 1
```