```
(2^0 + 2^1 + 2^2) (3^0 + 3^1 + 3^2) (5^0 + 5^1 + 5^2)
```

2821

```
Sum[ 2^a × 3^b × 5^c, {a, 0, 2}, {b, 0, 2}, {c, 0, 2}]
```

2821

```
(2^0 + 2^2 + 2^4) (3^0 + 3^2 + 3^4) (5^0 + 5^2 + 5^4)
```

1 244 061

```
Sum[ 2^(2 a) × 3^(2 b) × 5^(2 c), {a, 0, 2}, {b, 0, 2}, {c, 0, 2}]
```

1 244 061

```
(2^0 + 2^-2 + 2^-4) (3^0 + 3^-2 + 3^-4) (5^0 + 5^-2 + 5^-4)
```

$$\frac{138\,229}{90\,000}$$

```
Sum[ 2^(-2 a) × 3^(-2 b) × 5^(-2 c), {a, 0, 2}, {b, 0, 2}, {c, 0, 2}]
```

$$\frac{138\,229}{90\,000}$$

```
Sum[ (2^a × 3^b × 5^c)^-2, {a, 0, 2}, {b, 0, 2}, {c, 0, 2}]
```

$$\frac{138\,229}{90\,000}$$

```
Sum[1 / a^k, {k, 0, Infinity}]
```

$$\frac{a}{-1+a}$$

```
N[1 / 1 + 1 / 3 + 1 / 9 + 1 / 27 + 1 / 81 + 1 / (3^5) + 1 / (3^6)]
```

1.49931

```
1 / (1 - 1 / 3)
```

$$\frac{3}{2}$$

```
FF[x_] := 1 / (1 - x)
```

```
FF[1 / 3]
```

$$\frac{3}{2}$$

```
FG[x_] := x / (x - 1)
```

```
FG[3]
```

$$\frac{3}{2}$$

```
N[-Log[1 - 1 / 7]]
```

0.154151

```
N[Sum[ 1 / k × 1 / (7^k), {k, 1, Infinity}]]
```

0.154151

```
Sum[ 1 / k (a^k), {k, 1, Infinity}]
```

```
-Log[1 - a]
```