```
> pol:=9*x^3-37*x^2+47*x-19;
```

$$pol := 9\,x^3 - 37\,x^2 + 47\,x - 19$$

```
> x:=19/9;
```

$$x := \frac{19}{9}$$

```
> pol;
```

$$0$$

```
> anames(user);
```

$$pol,\ x$$

```
> 'x';
```

$$x$$

```
> `te_xt`;
```

$$te\_xt$$

```
> restart;
> assume(a>0);
> is(a>0);
```

$$true$$

```
> assume(m::odd, n::odd);
> sum(i, i=1..5);
```

$$15$$

```
(%i1) pol:9*x^3-37*x^2+47*x-19;
```

(%o1) $9\,x^3-37\,x^2+47\,x-19$

```
(%i2) x:19/9;
```

(%o2) $\frac{19}{9}$

```
(%i3) pol;
```

(%o3) $9\,x^3-37\,x^2+47\,x-19$

```
(%i6) ev(pol,x:19/9);
```

(%o6) 0

```
(%i7) values;
```

(%o7) [pol , x]

```
(%i8) 'x;
```

(%o8) x

```
(%i8) "te_xt";
```

(%o8) te_xt

```
(%i9) kill(all);
```

(%o0) done

```
(%i1) assume(a>0);
```

(%o1) [a > 0]

```
(%i2) is(a>0);
```

(%o2) true

```
(%i3) forget(a>0);
```

(%o3) [a > 0]

```
(%i9) declare(n,odd,m,odd);
```

(%o9) done

```
(%i6) sum(i, i,1,5);
```

(%o6) 15