```
> y := Vector[row](10);
  for a from 1 to 10 do
  y[a] := a :
  end do:
  y
```

$$y := \begin{bmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 \end{bmatrix} \quad \textbf{(1)}$$

```
>
>
> restart
> # no - try something different
> # see Maple helpfile
> solve(2 y - (x - 1)^2 = 2, y)
```

$$\frac{1}{2} x^2 - x + \frac{3}{2} \quad \textbf{(2)}$$

```
> solve(2 * x^5 + 7 * x^3 - 6, x)
```

$$RootOf\left(2\_Z^5 + 7\_Z^3 - 6, index = 1\right), RootOf\left(2\_Z^5 + 7\_Z^3 - 6, index = 2\right), RootOf\left(2\_Z^5 + 7\_Z^3 - 6, index = 3\right), RootOf\left(2\_Z^5 + 7\_Z^3 - 6, index = 4\right), RootOf\left(2\_Z^5 + 7\_Z^3 - 6, index = 5\right) \quad \textbf{(3)}$$

```
> # Thise are roots of a quintic.  That is a fifth order polynomial.
> # Good luck with this.  I tried.
> # Mca
>
```