

## Second Degré

```
PROGRAM:DELTA
:EffEcr
:PROMPT A
:PROMPT B
:PROMPT C
:B^2-4×A×C→D
:Disp"D = "
:Disp D
:If D=0
:Then
:Disp"une racine double"
:Disp (-B)/(2A)►Frac
:Else
:If D<0
:Disp "pas de racine"
:Else
:Disp "deux racines réelles
distinctes"
:Disp (-B- √D )/(2A) ►Frac
:Disp (-B+ √D )/(2A) ►Frac
:End
```

## Forme Canonique

```
PROGRAM:DELTA
:EffEcr
:PROMPT A
:PROMPT B
:PROMPT C
:(-B)/(2*A) →N
:(B^2-4*A*C)/(4*A) →M
:Disp "A*(X-N)^2-M"
:Disp A ►Frac
:Disp "(X- "
:Disp N ►Frac
:Disp ")^2- "
:Disp M ►Frac
```