

Jerome's Request

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Jerome asked to see how to add points, crosses, text and arrows to plots. This is an example.

```
> with(plots):
> poly1 := x^3-x;
                                poly1 := x3-x
> list1 := [seq([i,eval(poly1, x=i)],i=-1..1)]:
curve :=plot(poly1, x=-2..2):
zeroes := pointplot(list1,symbol=diamond, symbolsize=20,
                    color=[red,green, blue]):
list2 := [[1/sqrt(3), eval(poly1, x=1/sqrt(3))],
          [-1/sqrt(3), eval(poly1, x=-1/sqrt(3))]]:
critpoints :=pointplot(list2,symbol=cross, symbolsize=20,
                      color=[black, yellow]):
t1 := textplot([-1/sqrt(3), eval(poly1, x=-1/sqrt(3))],
               "Local Maxima",align=ABOVE):
t2 := textplot([1/sqrt(3), eval(poly1, x=1/sqrt(3))],
               "Local Minima",align=BELOW):
arrows := arrow([[1,-2],[0,2]],[[1,-2],[-1,2]],[[1,-2],[-2,2]]],
               shape=double_arrow):
display({curve, zeroes, critpoints, t1, t2, arrows});
```

(1)

