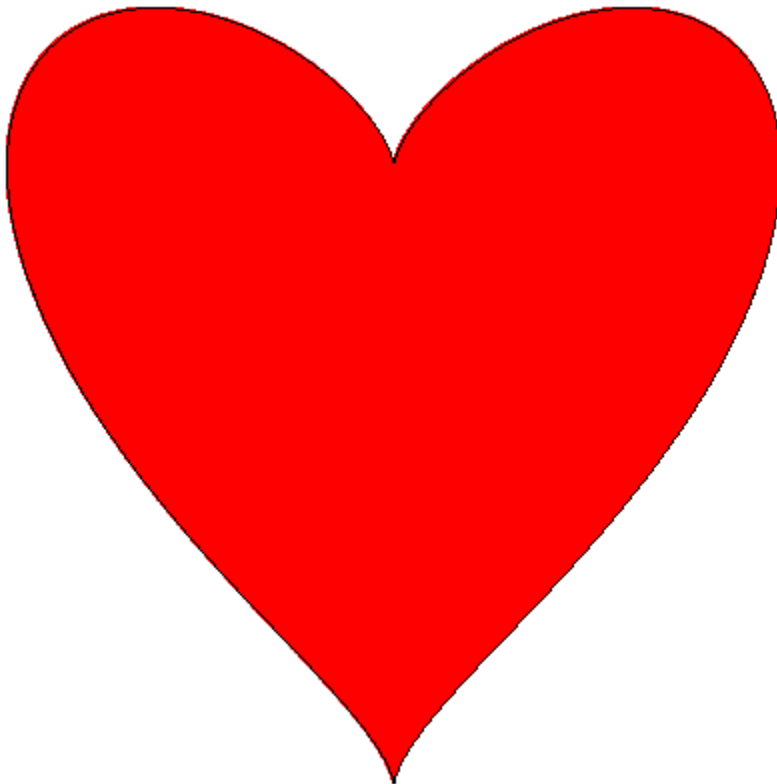


1.  $x^2 + (y - \sqrt[3]{x^2})^2 - 1 \leq 0$

Maple code:

*with(plots, implicitplot):*

*implicitplot(x^2 + (y - \sqrt[3]{x^2})^2 - 1 \le 0, x = -1..1, y = -1..1.6, axes = none, grid = [1000,1000], coloring = [red,white], filledregions = true)*



$$2. x^2 + (y - \sqrt{|x|})^2 - 1 \leq 0$$

Maple code:

```
implicitplot( $x^2 + (y - \sqrt{|x|})^2 - 1 \leq 0$ ,  $x = -1..1$ ,  $y = -1..1.6$ , axes =  
none, grid = [1000,1000], coloring = [orange,white], filledregions =  
true)
```



$$3. x^2 + (y - \sqrt[5]{x^2})^2 - 1 \leq 0$$

Maple code:

```
implicitplot( $x^2 + (y - \sqrt[5]{x^2})^2 - 1 \leq 0$ ,  $x = -1..1$ ,  $y = -1..1.6$ , axes =  
none, grid = [1000,1000], coloring = [pink,white], filledregions = true)
```

