1 Drawing Point and Lines

•Intersection Point
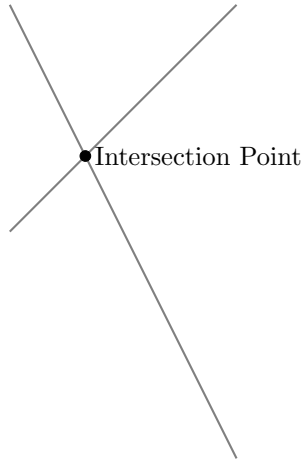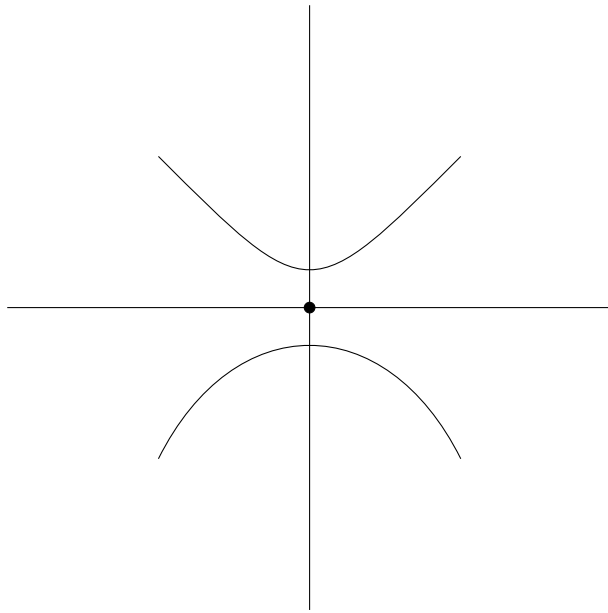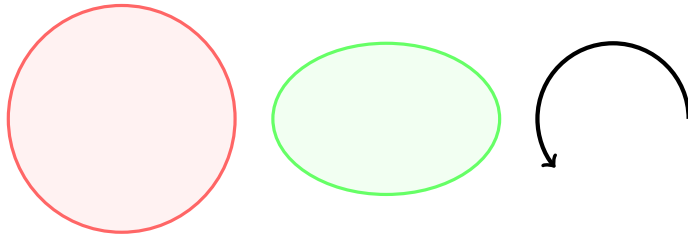
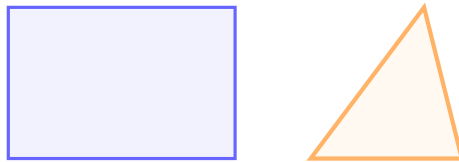# 2 Drawing Curves with Control Points

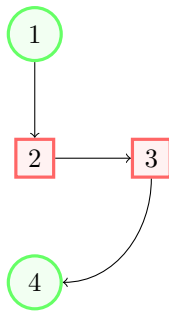# 3 Drawing Shapes

3.1 Circle, Ellipse, Arc

3.2 Rectangle, Triangle

4 Drawing Diagrams

4.1 Using Nodes

4.2 Drawing Tree

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                          ┌───┐
                          │ 6 │ a[0...7]
                          └───┘
                   ┌────────┴────────┐
                 ┌───┐             ┌───┐
                 │ 1 │ a[0...3]    │ 5 │ a[4...7]
                 └───┘             └───┘
              ┌────┴────┐       ┌────┴────┐
           ┌────┐   ┌───┐    ┌───┐    ┌────┐
           │ -2 │   │ 3 │    │ 8 │    │ -3 │
           └────┘   └───┘    └───┘    └────┘
        a[0...1]  a[2...3]  a[4...5]  a[6...7]
          ┌─┴─┐    ┌─┴─┐    ┌─┴─┐    ┌─┴─┐
        ┌────┐┌───┐┌───┐┌────┐┌───┐┌───┐┌────┐┌───┐
        │ -4 ││ 2 ││ 8 ││ -5 ││ 1 ││ 7 ││ -6 ││ 3 │
        └────┘└───┘└───┘└────┘└───┘└───┘└────┘└───┘
         a[0]  a[1] a[2] a[3]  a[4] a[5] a[6]  a[7]
```