

## Halloween Pumpkin Graph

Number your graph:==>>

x-axis: -10 to +10

y-axis: -7 to +10

| Plot and connect the points. | Transform | Reflect across the y-axis |
|------------------------------|-----------|---------------------------|
| ____ (0, 10)                 | →         | ____                      |
| ____ (1, 10)                 | →         | ____                      |
| ____ (1.5, 8)                | →         | ____                      |
| ____ (3.5, 8.5)              | →         | ____                      |
| ____ (6, 8)                  | →         | ____                      |
| ____ (8, 7)                  | →         | ____                      |
| ____ (9, 5)                  | →         | ____                      |
| ____ (10, 3)                 | →         | ____                      |
| ____ (10, 1)                 | →         | ____                      |
| ____ (10, -1)                | →         | ____                      |
| ____ (9, -4)                 | →         | ____                      |
| ____ (6, -6)                 | →         | ____                      |
| ____ (2, -7)                 | →         | ____                      |
| ____ (0, -7)                 | →         | ____                      |
| <b>Stop</b>                  |           | <b>Stop</b>               |
| <b>Nose</b>                  |           | <b>Nose</b>               |
| ____ (0, 2)                  | →         | ____                      |
| ____ (1, 1)                  | →         | ____                      |
| ____ (0, 1)                  | →         | ____                      |
| <b>Stop</b>                  |           | <b>Stop</b>               |

| Plot and connect the points. | Transform    | Reflect across the y-axis |
|------------------------------|--------------|---------------------------|
| <b>Right Eye</b>             |              | <b>Left Eye</b>           |
| ____ (3, 3)                  | →            | ____                      |
| ____ (3, 6)                  | →            | ____                      |
| ____ (5, 5)                  | →            | ____                      |
| ____ (6, 3)                  | →            | ____                      |
| ____ (3, 3)                  | →            | ____                      |
| <b>Stop</b>                  |              | <b>Stop</b>               |
| <b>Right mouth</b>           |              | <b>Left mouth</b>         |
| ____ (0, -1)                 | →            | ____                      |
| ____ (1, -1)                 | →            | ____                      |
| ____ (1, -2)                 | →            | ____                      |
| ____ (2, -2)                 | →            | ____                      |
| ____ (2, -1)                 | →            | ____                      |
| ____ (6, 0)                  | →            | ____                      |
| ____ (3, -4)                 | →            | ____                      |
| ____ (0, -4)                 | →            | ____                      |
| <b>Stop</b>                  | <i>(c)kt</i> | <b>Stop</b>               |