**Plot the graph of y = 3cos(2x + 30°) for values of x such that 0 ≤ x ≤ 180° using intervals of 10°.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **x** | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| **y** | 2.60 | 1.93 | 1.03 | 0.00 | -1.03 | -1.93 | -2.60 | -2.95 | -2.95 | -2.60 | -1.93 | -1.03 | 0.00 | 1.03 | 1.93 | 2.60 | 2.95 | 2.95 | 2.60 |