Step: 1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |

Step: 2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X X |  |  |  |  |  |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |

Step: 3

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | X X | X X |  |  |  |  |  |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |
| 1 | 3 | 0 | 18 | 4 | 6 | ∞ | 6 |

Step: 4

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | X X | X X |  | X X |  |  |  |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |
| 1 | 3 | 0 | 18 | 4 | 6 | ∞ | 6 |
| 4 | 3 | 0 | 6 | 4 | 6 | 8 | 6 |

Step: 5

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | X X | X X | X X | X X |  |  |  |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |
| 1 | 3 | 0 | 18 | 4 | 6 | ∞ | 6 |
| 4 | 3 | 0 | 6 | 4 | 6 | 8 | 6 |
| 3 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |

Step: 6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | X X | X X | X X | X X | X X |  |  |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |
| 1 | 3 | 0 | 18 | 4 | 6 | ∞ | 6 |
| 4 | 3 | 0 | 6 | 4 | 6 | 8 | 6 |
| 3 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |
| 6 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |

Step: 7

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | X X | X X | X X | X X | X X |  | X X |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |
| 1 | 3 | 0 | 18 | 4 | 6 | ∞ | 6 |
| 4 | 3 | 0 | 6 | 4 | 6 | 8 | 6 |
| 3 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |
| 6 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |
| 8 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |

Step: 8

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | X X | X X | X X | X X | X X | X X | X X |
| **Selected**  **Node** | **1** | **2** | **3** | **4** | **6** | **7** | **8** |
| ---------- | ∞ | 0 | ∞ | ∞ | ∞ | ∞ | ∞ |
| 2 | 3 | 0 | 18 | ∞ | ∞ | ∞ | ∞ |
| 1 | 3 | 0 | 18 | 4 | 6 | ∞ | 6 |
| 4 | 3 | 0 | 6 | 4 | 6 | 8 | 6 |
| 3 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |
| 6 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |
| 8 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |
| 7 | 3 | 0 | 6 | 4 | 6 | 7 | 6 |