

Match Up the Matching Definitions

- Matching
 - A pairing up where each node has maximum one arc using only existing pairings of bipartite graph.
- Maximal Matching
 - A graph where the nodes are grouped into two distinct sets and joined by arcs between.
 - Any matching that has the largest *possible* number of matches.
- Complete Matching
 - A matching where no more arcs can be added.
- Bipartite Graph
 - When the number of matchings is equal to exactly half of the number of nodes.
 - No unmatched nodes.
- Complete Bipartite Graph
 - Every node in one set joined to every node in the other set.

Match Up the Matching Definitions - **Answers**

- Matching — A pairing up where each node has maximum one arc using only existing pairings of bipartite graph.
- Maximal Matching — A graph where the nodes are grouped into two distinct sets and joined by arcs between.
- Complete Matching — Any matching that has the largest *possible* number of matches.
- Bipartite Graph — A matching where no more arcs can be added.
- Complete Bipartite Graph — When the number of matchings is equal to exactly half of the number of nodes.
- — No unmatched nodes.
- — Every node in one set joined to every node in the other set.