

```

CreateGraph[] := Join@@Array[CreateGraph, 11, 0];
CreateGraph@0 := {{MDT[], MDT[], "N/A"}};
CreateGraph@n___Integer := CreateGraph@n =
  Block[{r,
    y = Join[Reverse@KnotSort@#[] ; 2], {#[[3]]} &
      /@ (Join[#, {"Flype"}] &
        /@ Union@@
          (Flype@KnotAssociation[n] @# & /@
            CandidateKnots@n) ∪
            Flatten[Table[{k, #,
              "Reidemeister 3"} & /@
                ReidemeisterThree@k,
                {k, #, "2-Pass"} & /@ TwoPass@k,
                {k, ValidKnots@n}], 2] ∪ {}},
    r = Join@@Select[ConnectedComponents@
      Graph[#[] → #[] & /@ y],
      Or@@PassReducible /@ # &];
    Sort[
      Select[y, ¬MemberQ[r, #[]] &], GraphSort]];

```