

Notebook containing a minimum quick width permutation presentation diagram. It can also be found in MinQuickWidthPresentation.wl but graphic visuals can be found here.

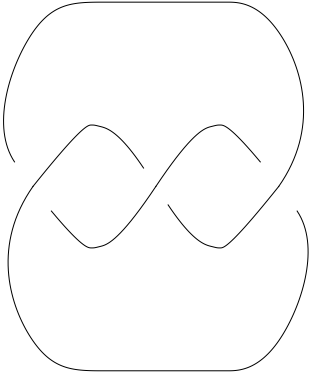
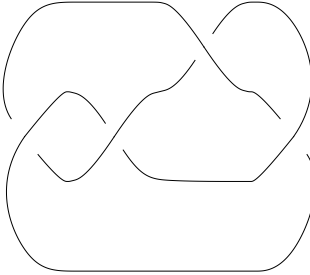
```
In[ ]:= << KnotTheory`MinimumQuickWidth`
```

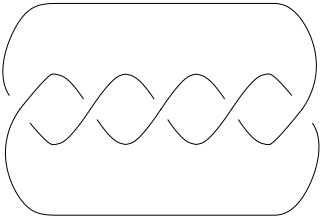
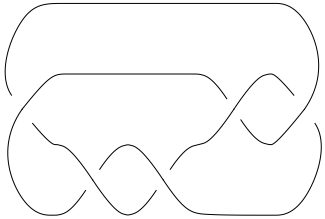
- The list of all knots in a minimum graphical/quick knot presentation:

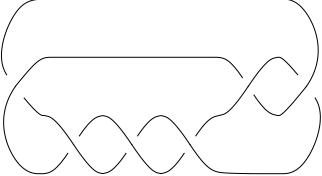
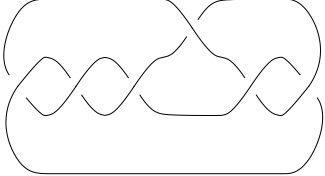
```
In[ ]:= quantitiesGivenCrossingNum = <|3 → 1,
      4 → 1, 5 → 2, 6 → 3, 7 → 7, 8 → 21, 9 → 49, 10 → 165|>
```

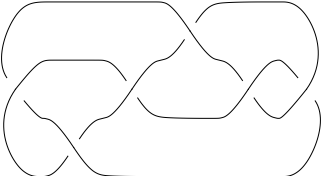
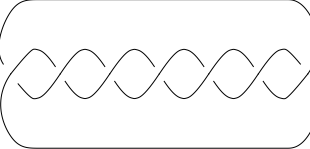
```
Out[ ]:= <|3 → 1, 4 → 1, 5 → 2, 6 → 3, 7 → 7, 8 → 21, 9 → 49, 10 → 165|>
```

```
Table[Knot[i, j] → Graphics[MinWidthDiagram[PD[Knot[i, j]]], ImageSize → 400],
      {i, 3, 10}, {j, 1, quantitiesGivenCrossingNum[i]}]
```

Out[ ]:= { {Knot[3, 1] →  }, {Knot[4, 1] →  },

{ Knot[5, 1] →  }, Knot[5, 2] →  },

{ Knot[6, 1] →  }, Knot[6, 2] →  },

Knot[6, 3] →  }, {Knot[7, 1] →  },

