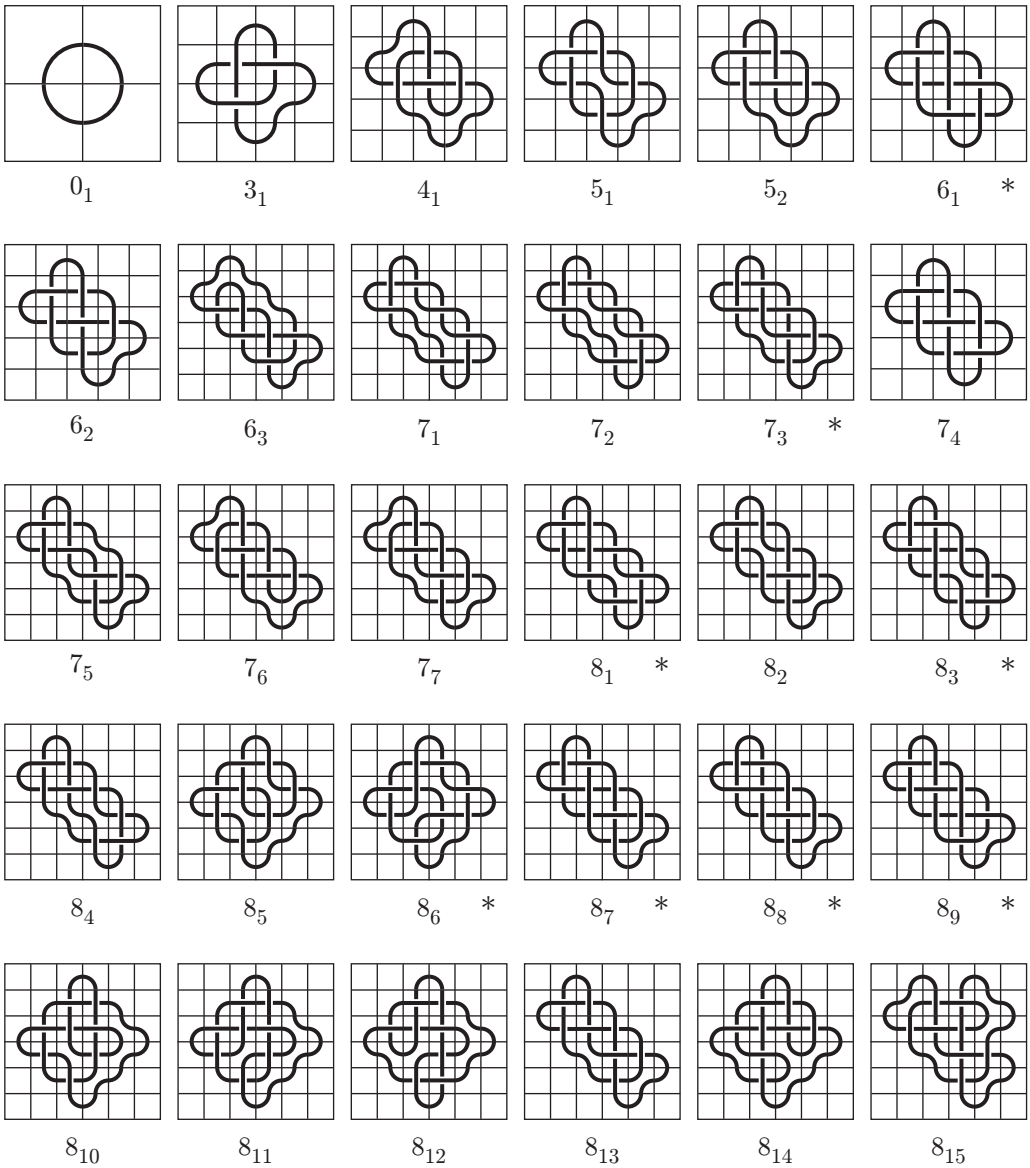
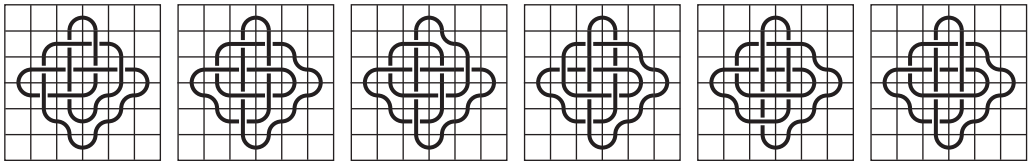
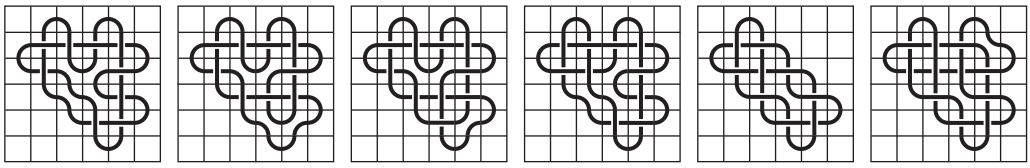
Table of prime knots

We include a table of knots below, with an example of a minimally space-efficient knot mosaic for each prime knot for which we know the minimal mosaic tile number. For each knot mosaic, both the mosaic number and minimal mosaic tile number are realized, but the crossing number may not be realized. The tile number of the knot is realized in each mosaic unless the tile number of the mosaic is 32. If the knot mosaic is marked with an asterisk $(*)$ then the given mosaic has more crossing tiles than the crossing number for the represented knot, but it is the minimum number of crossing tiles needed in order for the minimal mosaic tile number to be realized.

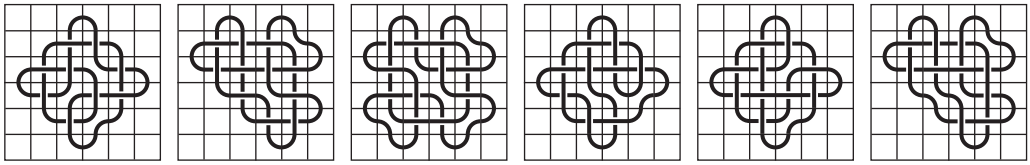




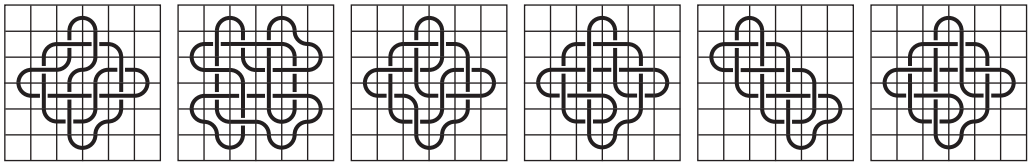
8_{16} 8_{17} 8_{18} 8_{19} 8_{20} 8_{21}



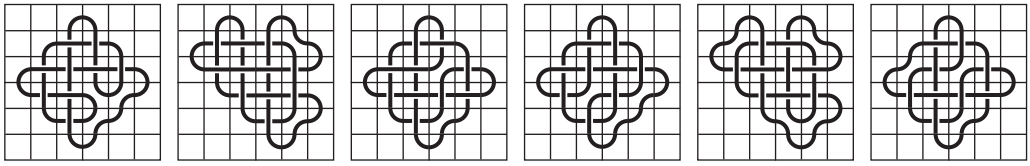
9_1 9_2 9_3 * 9_4 * 9_5 9_7 *



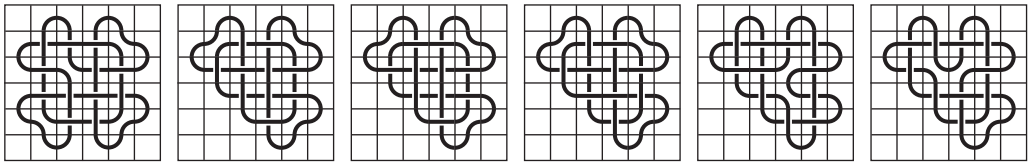
9_8 9_9 * 9_{10} * 9_{11} 9_{12} * 9_{13} *



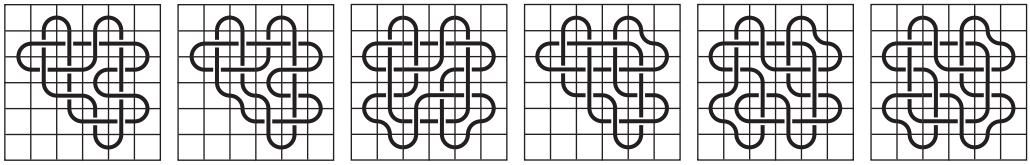
9_{14} 9_{16} * 9_{17} 9_{19} * 9_{20} 9_{21} *



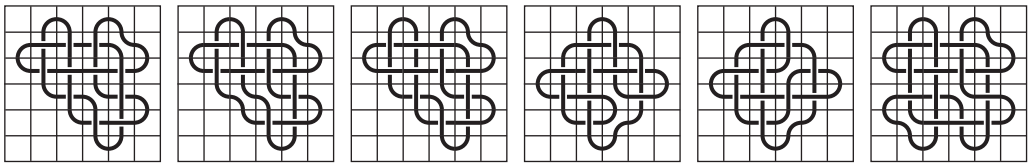
9_{23} 9_{24} * 9_{26} * 9_{27} 9_{28} 9_{31}



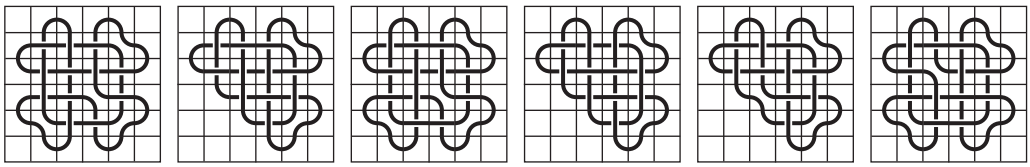
9_{35} * 9_{37} * 9_{46} * 9_{48} * 10_1 * 10_2



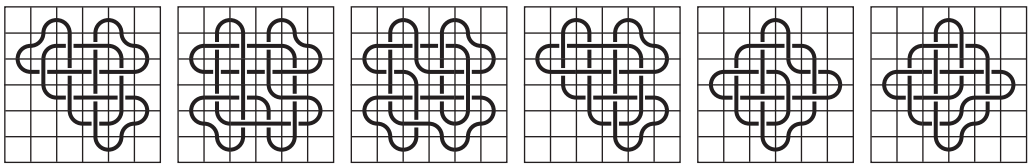
10_{3} * 10_{4} 10_{11} * 10_{12} * 10_{20} * 10_{21} *



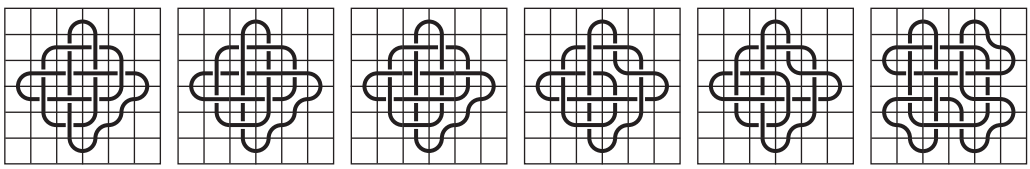
10_{22} * 10_{28} 10_{34} * 10_{41} 10_{44} 10_{61} *



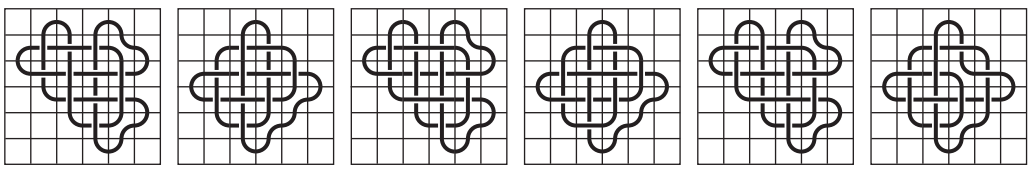
10_{62} * 10_{63} * 10_{64} * 10_{65} * 10_{66} 10_{74} *



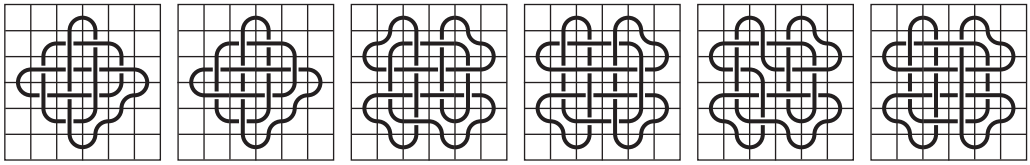
10_{75} 10_{76} * 10_{77} * 10_{78} * 10_{85} 10_{100}



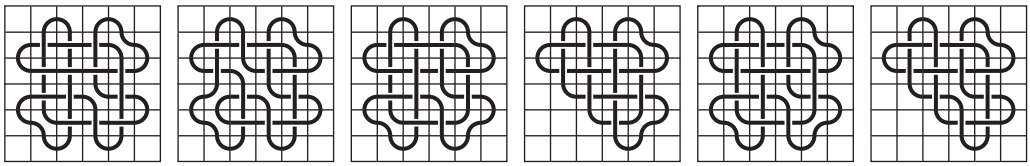
10_{116} 10_{124} 10_{125} 10_{126} 10_{127} 10_{139} *



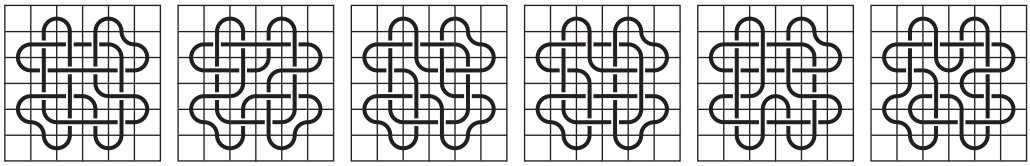
10_{140} * 10_{141} 10_{142} * 10_{143} 10_{144} * 10_{148}



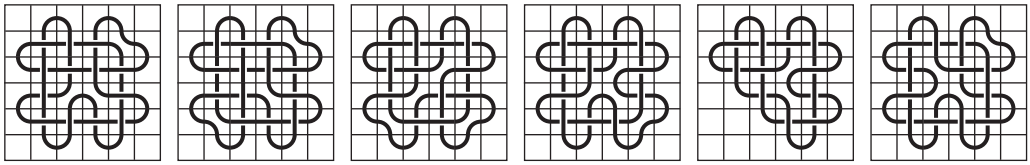
10_{155} 10_{159} $11a_{43}$ $11a_{44}$ * $11a_{46}$ $11a_{47}$ *



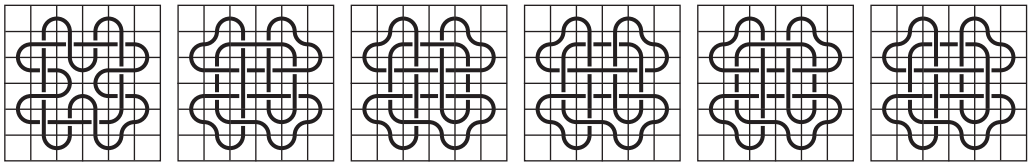
$11a_{58}$ * $11a_{59}$ $11a_{106}$ * $11a_{107}$ $11a_{139}$ * $11a_{140}$



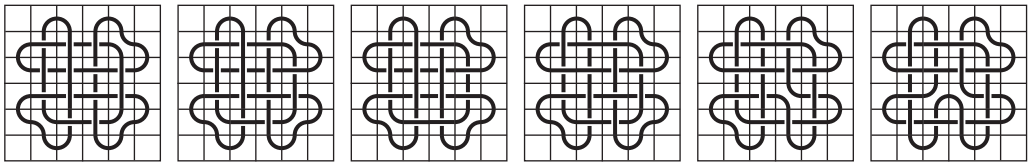
$11a_{165}$ * $11a_{166}$ * $11a_{179}$ $11a_{181}$ * $11a_{246}$ * $11a_{247}$



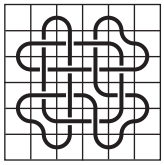
$11a_{339}$ * $11a_{340}$ * $11a_{341}$ * $11a_{342}$ * $11a_{343}$ $11a_{364}$ *

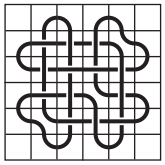


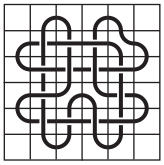
$11a_{367}$ $11n_{71}$ $11n_{72}$ $11n_{73}$ $11n_{74}$ $11n_{75}$

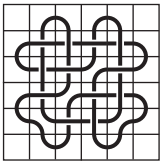


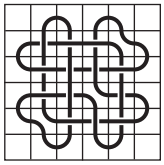
$11n_{76}$ * $11n_{77}$ * $11n_{78}$ * $12a_{119}$ * $12a_{165}$ * $12a_{169}$ *

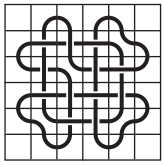

$12a_{373}$

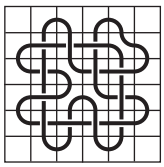

$12a_{376}$ *

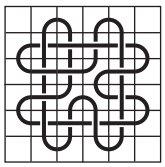

$12a_{379}$ *

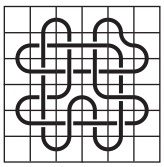

$12a_{380}$

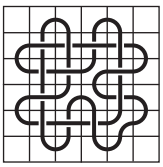

$12a_{444}$ *

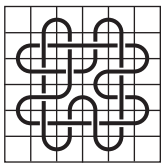

$12a_{503}$

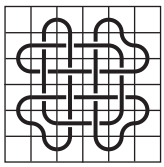

$12a_{722}$

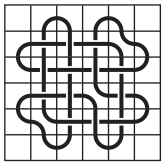

$12a_{803}$ *

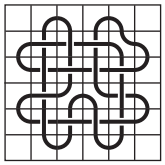

$12a_{1148}$ *

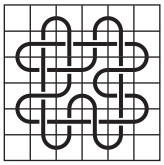

$12a_{1149}$

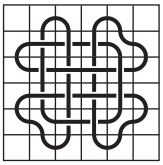

$12a_{1166}$ *

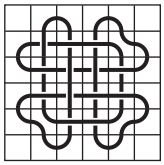

$13a_{1230}$

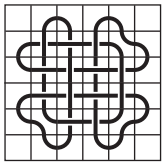

$13a_{1236}$

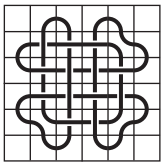

$13a_{1461}$

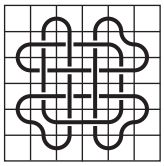

$13a_{4573}$


$13n_{2399}$


$13n_{2400}$


$13n_{2401}$


$13n_{2402}$


$13n_{2403}$