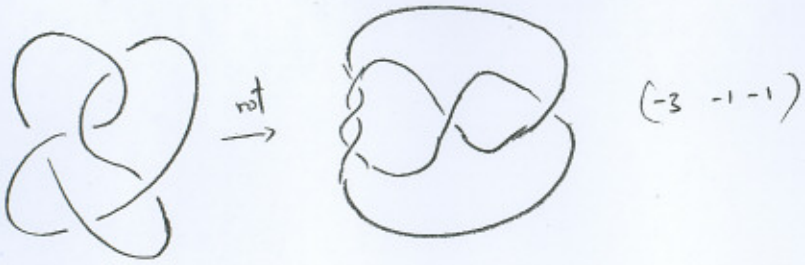
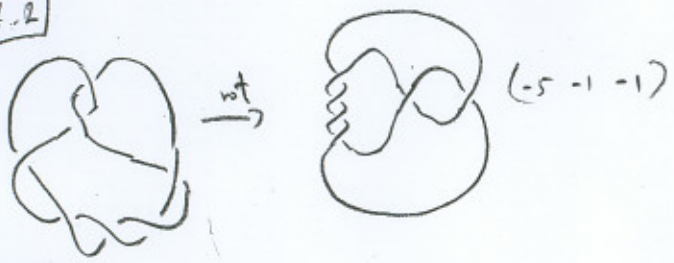
Knots as pretzels with odd numbers of twists

5.2



(-3 -1 -1)

7.2

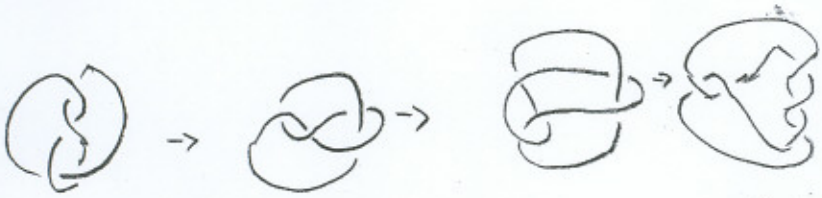


(-5 -1 -1)

3.1

(1, -1, -1)

4.1

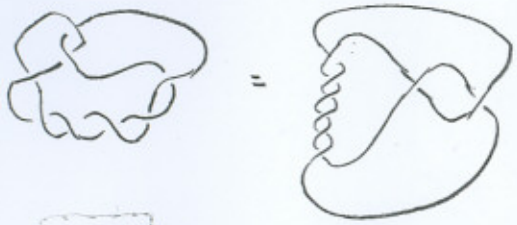


(1, 1, -3)

7.4

$(3, 1, 3)$

8.1



$(-6, -1, -1) = (-5, 3, -1)$

↑ by HW 8.

8.3

$(4, -3, -1) = (5, 1, 1)$

↑ by HW

9.2

$(-7, -1, -1)$

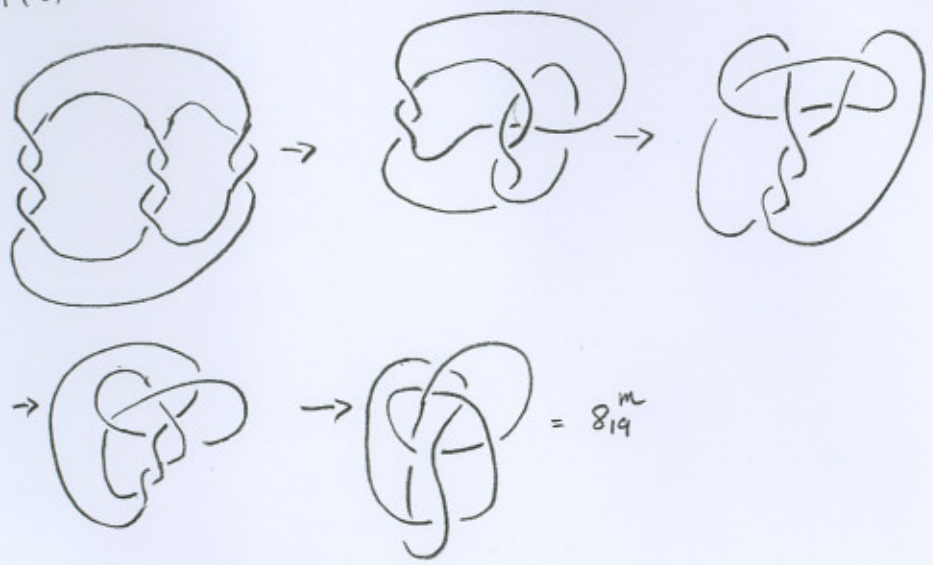
9.5

$(7, 5, 3)$

9.35 already in pretzel form

Identifying pretzels.

$P(3,3,-2)$

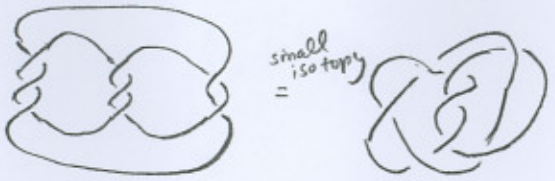


$= 8_{19}^{m}$

$P(3,-3,-2)$. Not that $P(-3,-2,3) = P(3,-3,-2)$ by permuting. Now:

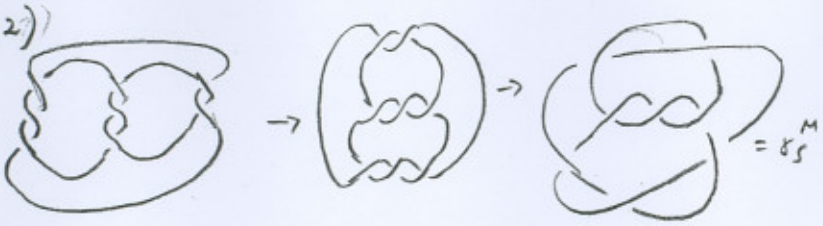
$= 8_{20}$

$P(-3,-3,-2)$



8_5

$P(3,3,2)$



$= 8_5^M$

$P(3,-3,2)$

$= 8_{20}$

All other knots are given by

$$P(p,q,r)^* = P(-p,-q,-r).$$