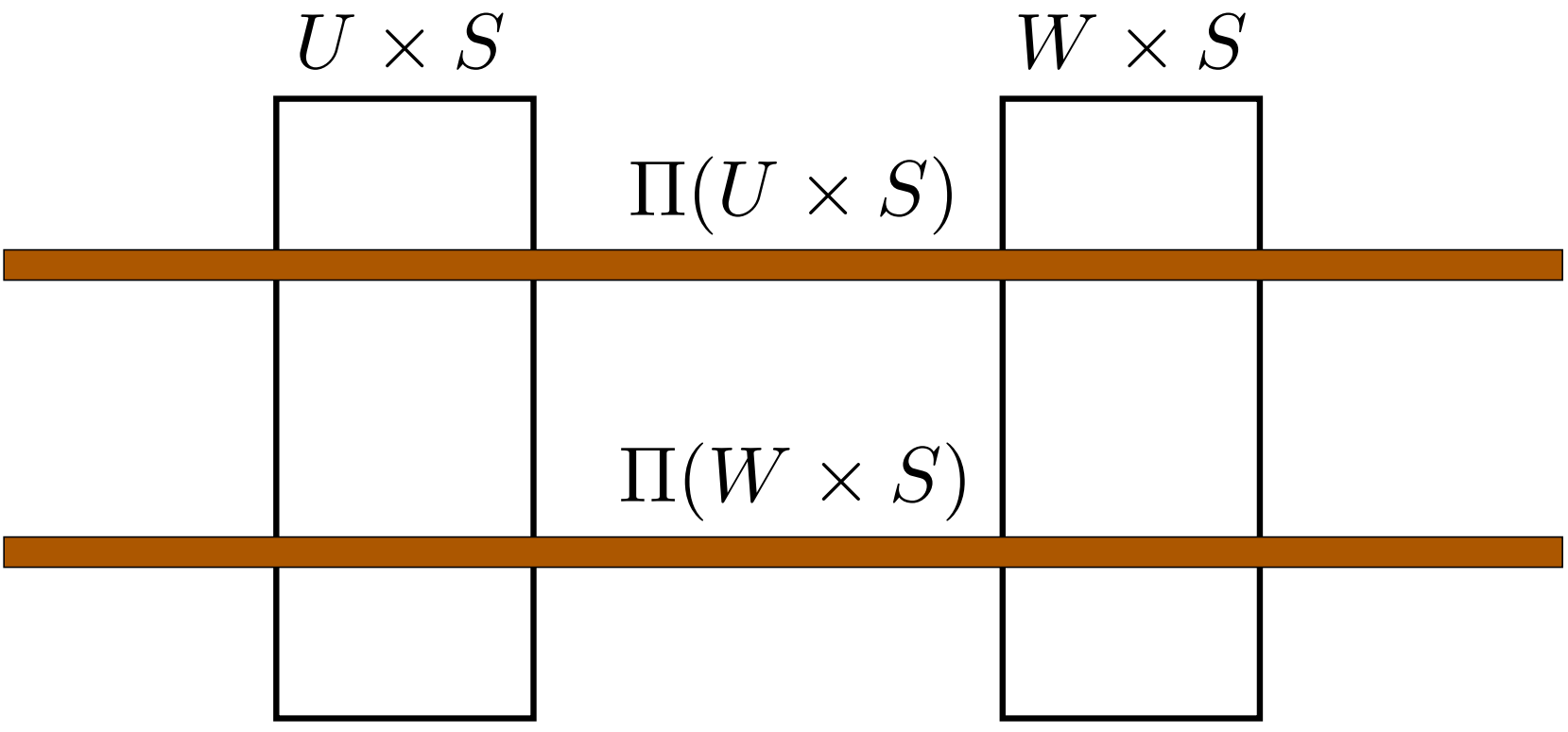
$U \times S$
$W \times S$
$\Pi(U \times S)$
$\Pi(W \times S)$