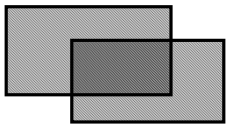
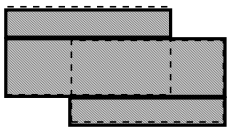
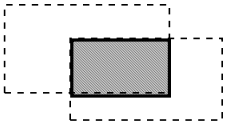


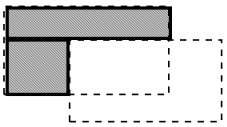
Two rectangular regions



Their union (x-banded)



Their intersection



Their difference