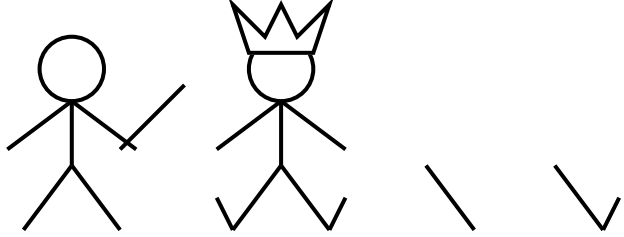
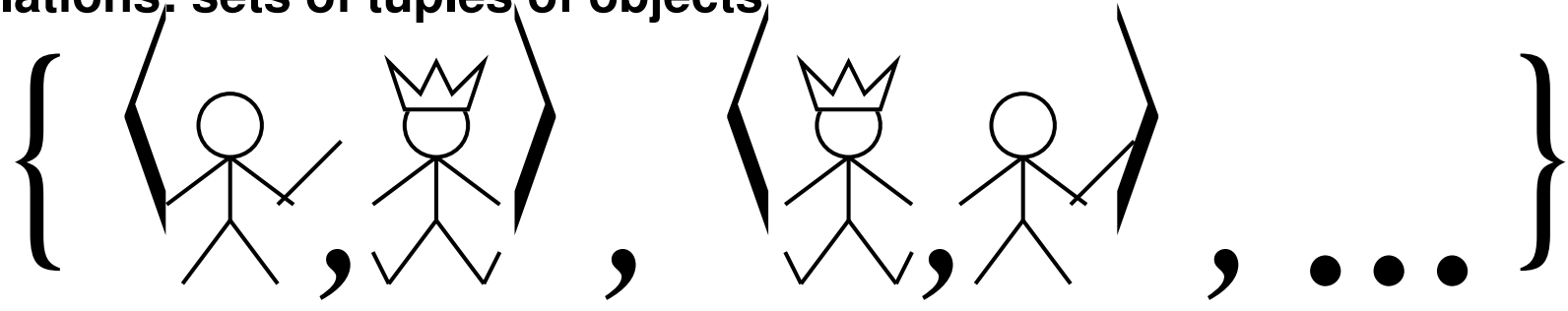
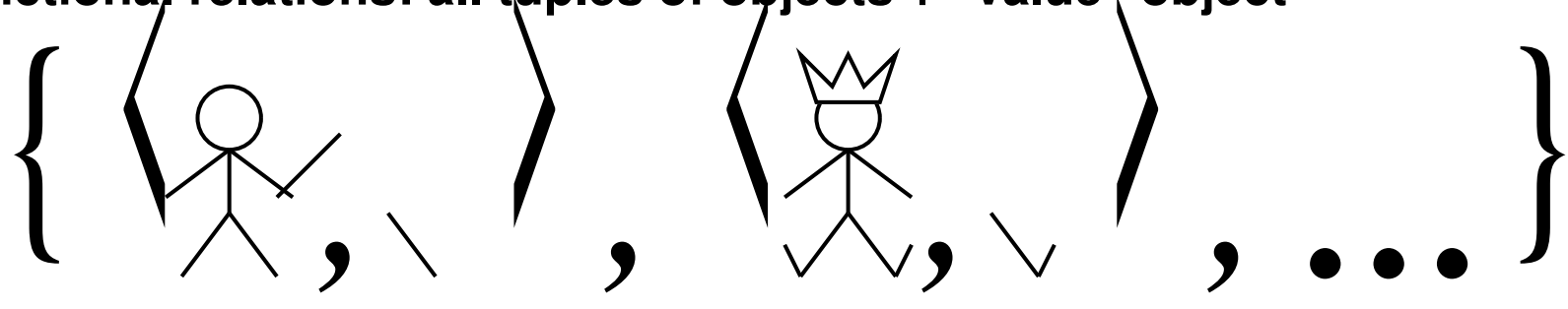
objects



relations: sets of tuples of objects



functional relations: all tuples of objects + "value" object