

(a) In how many different ways can a group of 6 be chosen if it must contain exactly 1 man? [2]

This image shows a full page of white paper with ten horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and extend across the entire width of the page. There is no text or other markings on the paper.

**(b)** In how many different ways can a group of 6 be chosen if Jane and Kate cannot both be in the group? [3]

[illegible]