

- George has a fair 5-sided spinner with sides labelled 1, 2, 3, 4, 5. He spins the spinner and notes the number on the side on which the spinner lands.

- (a) Find the probability that it takes fewer than 7 spins for George to obtain a 5. [2]

[illegible]

George spins the spinner 10 times.

- (b) Find the probability that he obtains a 5 more than 4 times but fewer than 8 times. [3]

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.