

5A Sample Spaces & Probability from Data

- Two spinners are numbered 1-4. Both are spun and the sum of the numbers (x) is calculated.
Find $P(x = 5)$ and $P(x > 5)$
Draw a sample space to show the outcomes.

- The table shows the time taken, in minutes, for a group of students to complete a number puzzle.
 - Estimate the probability that a student completed the puzzle in under 9 minutes

Time, t	Frequency
$5 \leq t < 7$	6
$7 \leq t < 9$	13
$9 \leq t < 11$	12
$11 \leq t < 13$	5
$13 \leq t \leq 15$	4

- Estimate the probability that a student completed the puzzle in 10 minutes or more