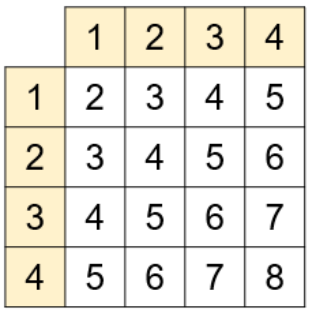
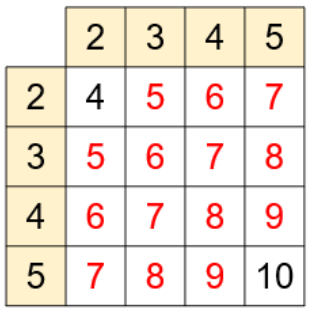
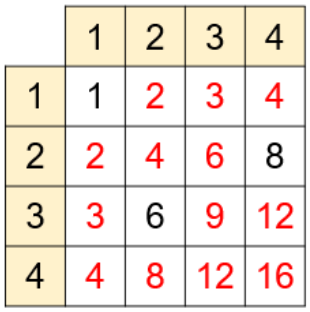
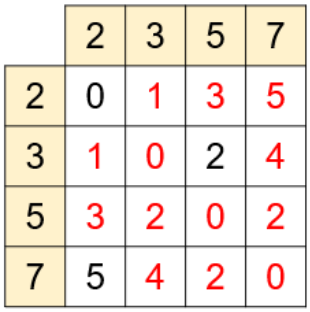
Fill in the Blanks — Sample Spaces

Sample Space		Probability Questions	
A fair four-sided spinner is numbered 1 to 4. The spinner is spun twice, and the two scores added together.		Find the probability that the total score is 7.	$\frac{1}{8}$
		Find the probability that the total score is greater than 4.	$\frac{5}{8}$
		Find the probability that the total score is a multiple of 3.	$\frac{5}{16}$
A fair four-sided dice is numbered 2, 3, 4 and 5. The spinner is spun twice, and the two scores added together.		Find the probability that the total score is 8.	$\frac{3}{16}$
		Find the probability that the total score is less than 7.	$\frac{3}{8}$
		Find the probability that the total score is a multiple of 4.	$\frac{1}{4}$
A fair four-sided dice is numbered 1, 2, 3 and 4. The spinner is spun twice, and the two scores multiplied together.		Find the probability that the total score is even.	$\frac{3}{4}$
		Find the probability that the total score is greater than 6.	$\frac{3}{8}$
		Find the probability that the total score is prime.	$\frac{1}{4}$
A fair four-sided spinner is numbered 2, 3, 5 and 7. The spinner is spun and the difference between the two scores recorded.		Find the probability that the difference is zero.	$\frac{1}{4}$
		Find the probability that the difference is odd.	$\frac{3}{8}$
		Find the probability that the difference is two or more.	$\frac{5}{8}$
Two fair four-sided spinners are spun, and the scores added together. The first spinner is numbered 1, 2, 3 and 4 and the second spinner is numbered 3, 5, 7 and 9.		Find the probability that the total score is 10.	$\frac{1}{8}$
		e.g. Find the probability that the total is a multiple of 3.	$\frac{5}{16}$
		e.g. Find the probability that the total score is 10 or more.	$\frac{3}{8}$