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| **Fill in the Blanks** | **Sample Spaces** |

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| **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. |  |
| Find the probability that the total score is greater than 4. |  |
| Find the probability that the total score is a multiple of 3. |  |
| 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. |  |
| Find the probability that the total score is less than 7. |  |
| Find the probability that the total score is a multiple of 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. |  |
| Find the probability that the total score is greater than 6. |  |
| Find the probability that the total score is prime. |  |
| 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. |  |
| Find the probability that the difference is odd. |  |
| Find the probability that the difference is two or more. |  |
| 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. |  |
|  | $$\frac{5}{16}$$ |
|  | $$\frac{3}{8}$$ |