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| **Fill in the Blanks** | **Tree Diagrams for Dependent Events** |

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| **Question** | **Tree Diagram** | **Probability** | |
| There are 6 red balls and 4 green balls in a bag. Two balls are chosen at random. Complete the tree diagram and calculate the probability of each outcome. |  |  |  |
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| There are 6 boys and 5 girls in a football team. Two team members are chosen at random. Complete the tree diagram and calculate the probability of each outcome. |  |  |  |
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| There are 4 donuts and 3 cookies in a tin. Riaz chooses two treats at random. Complete the tree diagram and calculate the probability of each outcome. |  |  |  |
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| There are 7 blue pens and 5 red pens in a pencil case. Two pens are chosen at random. Complete the tree diagram and calculate the probability of each outcome. |  |  |  |
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| **Fill in the Blanks** | **Tree Diagrams for Dependent Events** |

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| **Question** | **Tree Diagram** | **Probability** | |
| There are some white counters and some red counters in a bag. Two counters are taken from the bag at random. Complete the tree diagram and calculate the missing probabilities. | A diagram of different colors  AI-generated content may be incorrect. |  |  |
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| There are some apples and some oranges in a fruit bowl. Two pieces of fruit are chosen at random. Complete the tree diagram and calculate the missing probabilities. | A diagram of fruit types  AI-generated content may be incorrect. |  |  |
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| Milo has some black socks and some grey socks in a drawer. He chooses two socks at random. Draw a tree diagram and calculate the missing probabilities. |  |  |  |
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| Adrianna buys some sausage rolls and some cheese pasties from the bakery. She chooses two items at random to eat for lunch. Draw a tree diagram and calculate the missing probabilities. |  |  |  |
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