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

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| **Question** | **Tree Diagram** | **Probability** |
| There are blue counters and 4 red counters in a bag. Two counters are chosen at random without replacement. Complete the tree diagram and find expressions for each of the probabilities. |  |  |
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| There are 8 black pens and green pens in a pencil case. Gloria chooses two pens at random from the pencil case. Complete the tree diagram and find expressions for each of the probabilities. |  |  |
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| There are biscuits in a tin. There are some digestives and five shortbreads. Ayyan takes two biscuits from the tin at random and eats them. Draw a tree diagram and find expressions for each of the probabilities. |  |  |
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| A jar contains lime sweets and some pear sweets. The number of pear sweets is one more than the number of lime sweets. Two sweets are chosen at random. Draw a tree diagram and find expressions for each of the probabilities. |  |  |
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