

Draw a tree diagram for dependent events

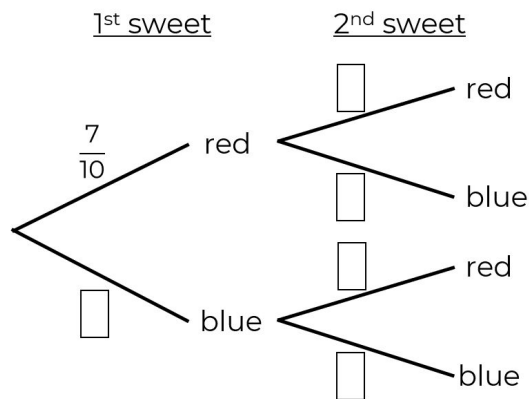
Mr Chan

Maths



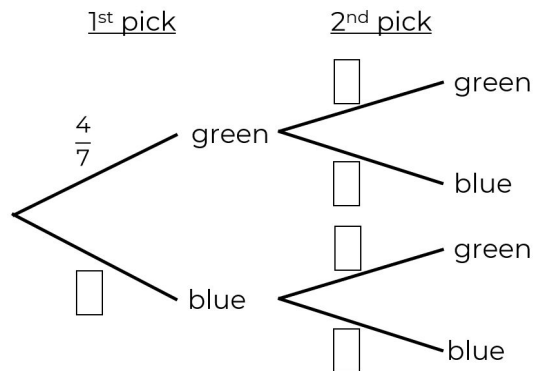
Draw a tree diagram for dependent events

1. Jack has a bag with 7 red and 3 blue sweets. He takes a sweet at random and eats it. He then takes another.



Complete the tree diagram.

2. Amir has a bag with 4 green and 3 blue counters. He takes a counter and does not replace it. He then takes another counter.



Complete the tree diagram.



Draw a tree diagram for dependent events

3. Rosie has a bag of fruit containing 4 apples and 6 pears.

Rosie chooses a piece of fruit at random and eats it. She then takes another piece. Draw a tree diagram to show the possible results.



4. There are 8 pens in Paul's pencil case. 5 of the pens are blue and the rest are red. Paul randomly takes two pens out of his pencil case.

Draw a tree diagram to show all the possible outcomes.

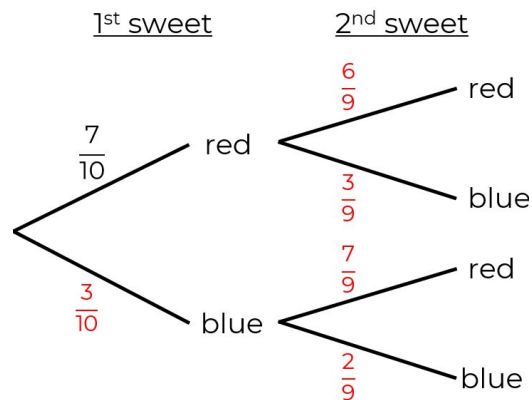


Answers



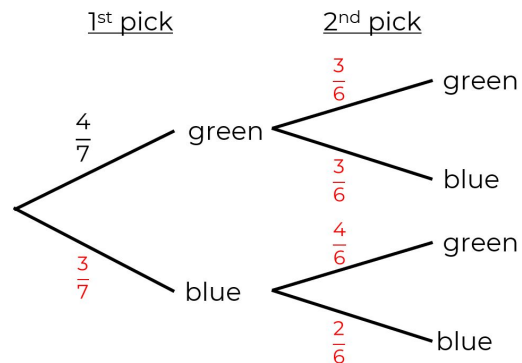
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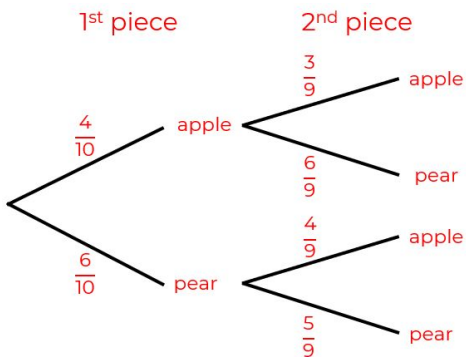
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