

Draw a tree diagram for independent events

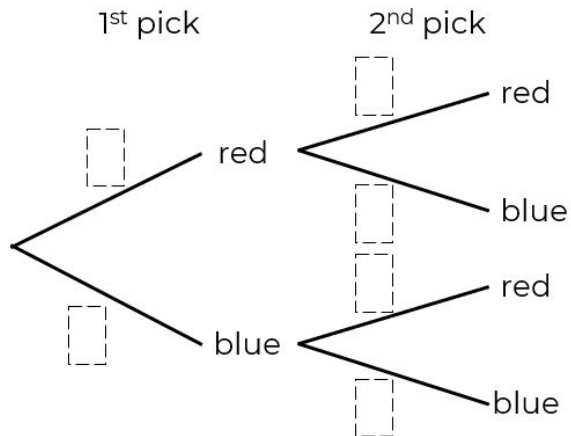
Maths

Mr Chan



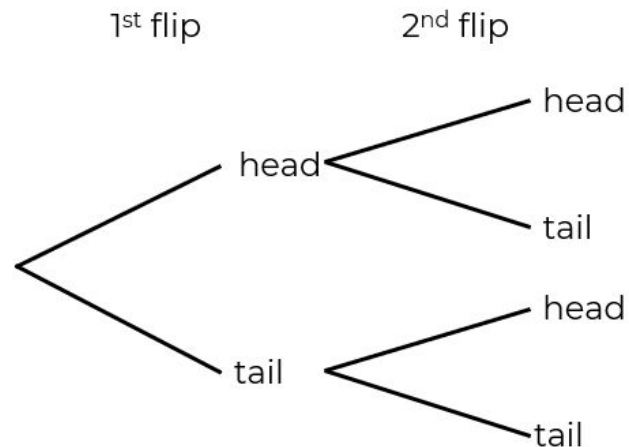
Draw a tree diagram for independent events

1. Tim takes a counter at random from a bag with 3 red counters and 1 blue counter. He replaces it and takes another.



Complete the probabilities on the tree diagram.

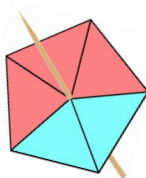
2. A biased coin is flipped twice. The probability that the coin lands on head is 0.4. Complete the tree diagram showing the probabilities.



Draw a tree diagram for independent events

3. A fair five-sided spinner is spun twice.

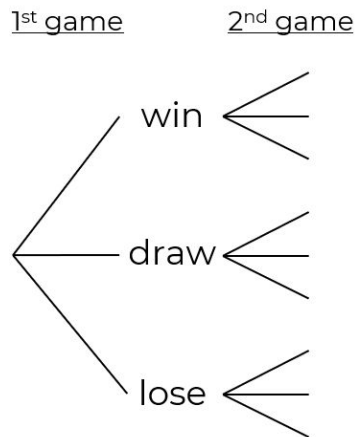
Draw a tree diagram to show the probabilities for the spinner landing on red or blue.



4. The probability that it rains on Monday is 0.6. The probability that it rains on Tuesday is 0.3.

Draw a tree diagram to show these probabilities.

5. The probability that Alex's netball team wins a match is 0.45. The probability they draw is 0.2. They play two games. Complete this tree diagram.

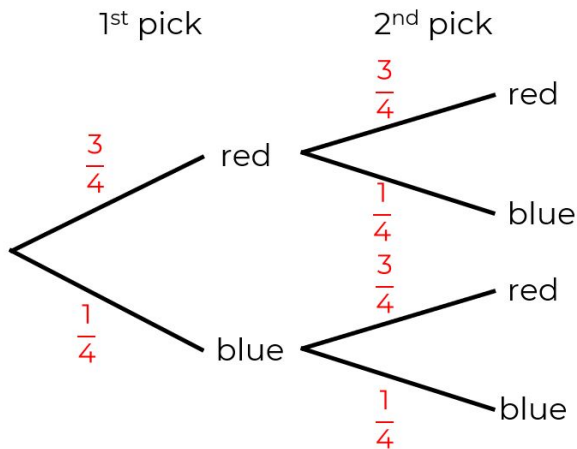


Answers



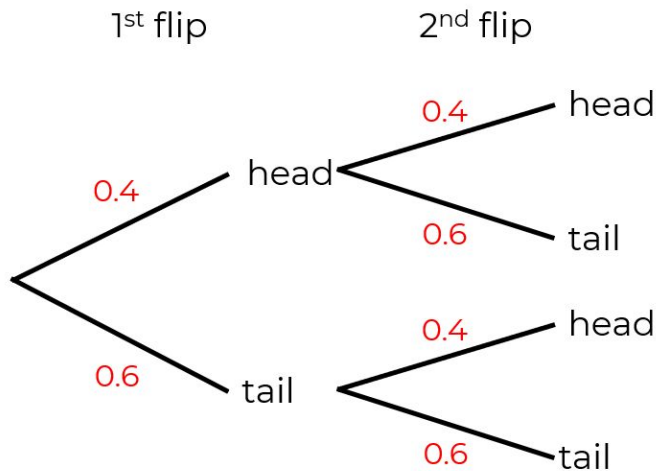
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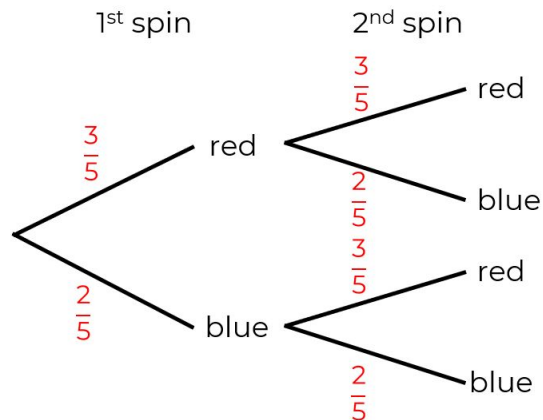
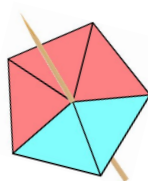
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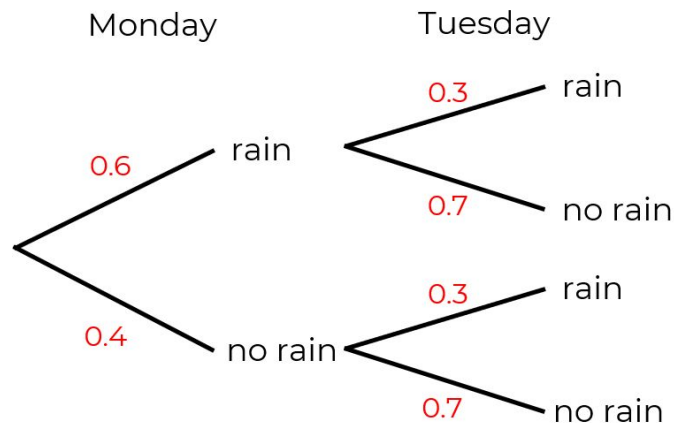
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