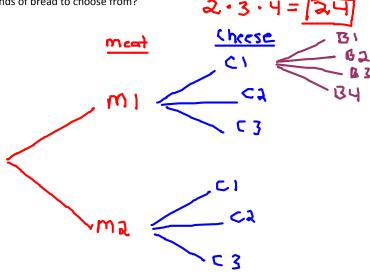
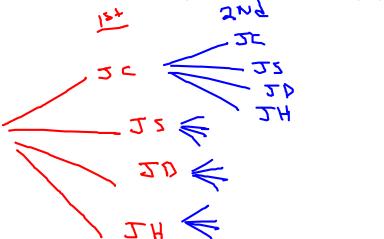
## The Counting Principle

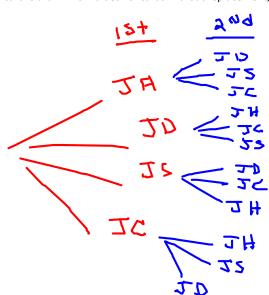
1. In how many ways can you make a sandwich if you have 2 kinds of meat, 3 kinds of cheese and 4 kinds of bread to choose from?



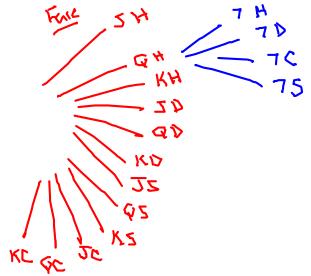
2. If a card is drawn from a deck of cards and then placed back in the deck, in how many ways can a jack be drawn?



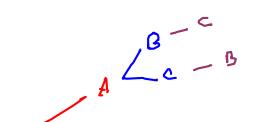
3. If a card is drawn from a deck of cards without replacement, in how many ways can a jack be drawn?

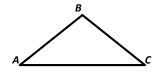


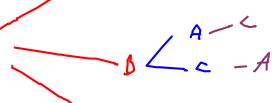
4. How many ways are there to draw a face card and then a seven?



5. How many ways are there to name the triangle at the right?







6. There are five different roads from Town A to Town B and four different roads from Town B to Town C. How many ways are there from Town A to Town C passing through Town B?

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7. A True/False quiz consists of three questions. How many different answer choices are possible?

