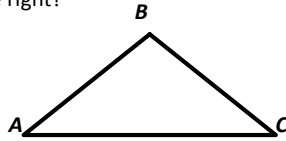


## The Counting Principle

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