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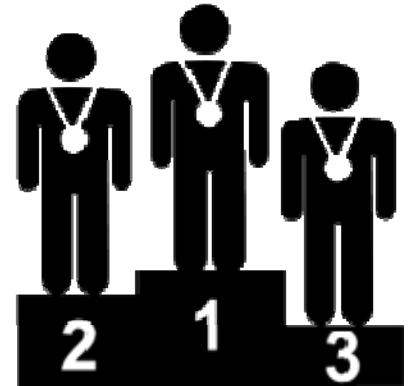
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Probabilities of Compound Events - Step-by-Step Lesson

Lesson 1 Probability Problem:

Amanda, Bryan, and Carl are about to compete in 100 mixed IM swimming events. These are the only three swimmers competing in this event. They are all working hard to win first place.

How many different possible ways could the 3 swimmers place?



Explanation:

Making an organized list will identify that there are 6 ways for the students to win a race

- A, B, C
- A, C, B
- B, C, A
- B, A, C
- C, A, B
- C, B, A

There are 6 different ways for the swimmers to place in the race.

