

Problem-Solving Strategy:

Make an Organized List

1. Renee, Jessica, and Anjali are competing in the finals of the obstacle course. How many different ways can they finish?

UNDERSTAND

What is the question asking you to find?

What do you know?

PLAN

Make an organized list to show all the possible ways that the competitors can finish.

SOLVE

How many possibilities are there for Renee to win? For Jessica to win? For Anjali? How many different ways can they finish?

LOOK BACK

Does your solution make sense?

Make an organized list to solve the following problem.

2. Beth, Andrea, Nancy, Tanya, Christine, and Helene all want to be the starters on the basketball team. Five of them can start. How many different combinations of starters can be chosen from this group?
