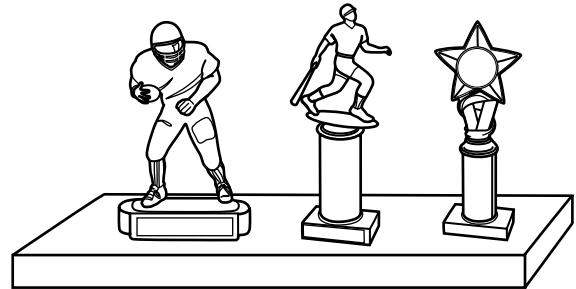


# Problem-Solving Strategy:

## Make an Organized List

**Problem** David has three trophies. One is for football, one is for baseball, and one is for quiz bowl. He wants to display the trophies on a shelf. How many different ways can the trophies be arranged on the shelf?



**UNDERSTAND**

1. What do you know?

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**PLAN**

2. What names will you use in your organized list?

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**SOLVE**

3. Make an organized list to show the different ways the trophies can be arranged. How many different ways can the trophies be arranged total?

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**LOOK BACK**

4. What other strategy could you use to check your answer?

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