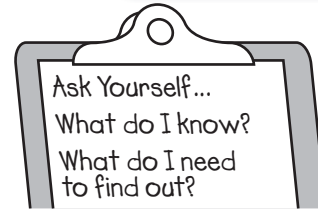# Problem Solving: Act It Out and Use Reasoning

Solve. Find the number of each kind of object in the collection.

1. **Sue's Card Collection**

   8 packs of baseball cards
   3 fewer packs of hockey cards than football cards
   17 packs in all

   Baseball cards = ☐

   Hockey cards = ☐

   Football cards = ☐

2. **Drew's DVD Collection**

   7 comedy DVDs
   4 more drama DVDs than horror DVDs
   15 DVDs in all

   Comedy DVDs = ☐

   Drama DVDs = ☐

   Horror DVDs = ☐

3. **Strategy Practice** Mike is 8 years older than Kyle. Kyle is 6 years old. The sum of Mike's, Kyle's, and Jamal's ages is 23. How many years old is Jamal?

   _____

4. Miranda has 24 CDs in her collection. Of those CDs, 10 are pop CDs. She has 6 more country CDs than jazz CDs. How many country CDs does Miranda have?

   _____

5. Curt has 12 models in all. Three of the models are airplanes. Curt has 5 more models of cars than boats. How many models of cars does Curt have?

   _____

6. Stevie, Lindsey, and Christine are the lead singers in a band. They will sing 18 songs. Lindsey will sing 8 songs. Christine will sing 6 fewer songs than Stevie. How many songs will Stevie sing?

   A 2   **B** 4   **C** 6   **D** 8