**Structures Lesson – Puzzle Discussion Questions**

Consider placing a copy of these questions in each puzzle packet so that students can begin discussing them in small groups immediately after their puzzles are correctly assembled.

**Structures Lesson Puzzle Discussion Questions**

Once your puzzle is complete, compare your work with the answer key. Then discuss the following questions at your tables.

1. Which pieces were more difficult to place and why?
2. How did you decide where to place the “Put-together/Take apart” title? What is the difference between “add to” problems and “put-together/take apart” problems?
3. Why do some problems have both a “situation equation” and a “solution equation”? What do these terms mean and why are they sometimes different?
4. How did you decide which stories are compare problems?
5. Why are the diagrams for the compare problems different? I.e. what are the ovals for?
6. How do you distinguish between bigger unknown and smaller unknown compare problems?
7. Would there be a difference between 23 + ? = 41 and ? + 23 = 41 if these were situation equations for a problem? What type of problem would have 41 = 23 + ? as its situation equation?
8. How could you represent some of these problems using number lines?
9. How might young children model the different types of problems with concrete objects?
10. Why might it be important for teachers to know these types of problems?