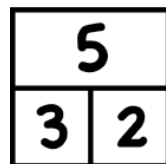
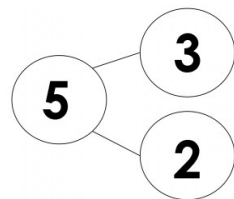
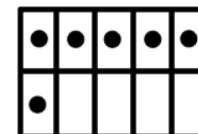


Vocabulary for Module 1: Sums and Differences to 20

- Make ten and take (subtract) from ten (e.g., $8 + 3 = 8 + 2 + 1$ and $15 - 7 = 10 - 7 + 5 = 3 + 5$)
- Ten plus (e.g., $10 + 3 = 13$, $30 + 5 = 35$, $70 + 8 = 78$)
- Say Ten counting (e.g., 12 is "1 ten 2 ones," twenty is "2 tens," 27 is "2 tens 7 ones," 146 is "1 hundred 4 tens 6 ones")
- Part-Part-Whole (a way to graphically demonstrate how a number can be made up of two smaller numbers; also known as part-part-total or number bond, and can be written in different ways, as shown below; e.g., $3 + 2 = 5$, $2 + 3 = 5$, $5 - 3 = 2$, $5 - 2 = 3$)



- Ten frame (as shown to the right; a simple graphic tool to help students see and think about numbers and basic number facts, especially up to ten)



- Rekenrek (a rack of beads that is a great visual and physical model for developing a strong sense of 5 and 10s up to 100, and it supports a strategy-based approach for learning calculations)

