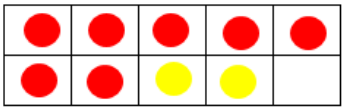
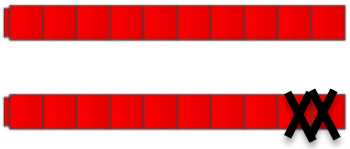
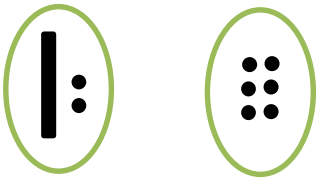
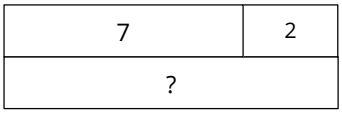
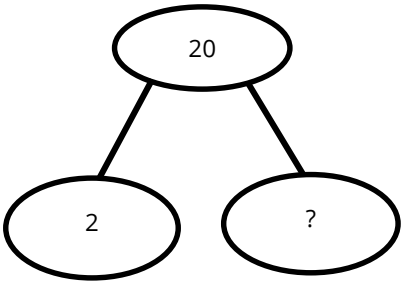
Pictures are drawn to represent the concrete objects students manipulated when problem-solving.

It is appropriate for students to begin drawing solutions to problems as soon as they demonstrate they have mastered a particular math concept/skill. Not all students need to draw solutions to problems before moving from using concrete objects to an abstract level of thinking. When students learn to draw solutions, they gain the ability to solve problems independently. Students' concrete understanding of the concept/skill is reinforced because of the similarity of their drawings to the manipulatives they used previously.

Base Ten Blocks	Double-Sided Counters with a Ten-Frame	Unifix or Linking Cubes
		
		
12 ducks + 6 ducks =___ ducks	7 apples + 2 bananas =___ fruit	20 dollars – 2 dollars = ___ dollars