**The Singapore Modeling Method/Cognitively Guided Instruction**

Use the Unifix cubes provided to directly model these problems. Then use the Centimeter Grid Paper to represent your work. Solve the problem, and also write an open sentence for each story.

1. Leon has 5 colored pencils. His mom gave him 9 more. How many colored pencils does he have now?

2. At lunch, 16 children chose pizza slices, and 7 children chose roast beef sandwiches. How many more children chose pizza slices than roast beef sandwiches?

3. One basket holds 8 apples. How many apples will 5 baskets hold?

4. Grandma baked 25 oatmeal raisin cookies. She decides to make packages with 4 cookies in each package for some neighborhood children. How many full packages can she make? How many cookies are left over (for Grandma)?

5. In one primary school, 12 boys and 15 girls took part in an art contest. How many children took part in the contest?

6. Twenty children were playing in a neighborhood park. Some of the children went home. Now there are 12 children left playing in the park. How many children went home?

7. Adam has 12 matchbox cars. He has 5 more than Pedro. How many cars does Pedro have? How many cars are there in all?

8. Sharonda has 5 more kittens than Jan. Jan has 8 kittens. How many kittens are there in all?

9. A necklace cost $15. Meg had $**3** left after buying the necklace. How much money did Meg have at first?

10. The giraffe in the zoo is 3 times as tall as the zebra. The zebra is 5 feet tall. How tall is the giraffe?