Name _____

Date_____

1. Look at the picture below. How much shorter is Trophy A than Trophy B?





2. Measure each object with centimeter cubes.



 How much longer is the green shovel than the red shovel? The green shovel is _____ centimeters longer than the red shovel.



Lesson 9: Answer *compare with difference unknown* problems about lengths of two different objects measured in centimeters.

Use your centimeter cubes to model each problem. Then, solve by drawing a picture of your model and writing a number sentence and a statement.

4. Susan grew 15 centimeters, and Tyler grew 11 centimeters. How much **more** did Susan grow than Tyler?

5. Bob's straw is 13 centimeters long. If Tom's straw is 6 centimeters long, how much **shorter** is Tom's straw than Bob's straw?



6. A purple card is 8 centimeters long. A red card is 12 centimeters long. How much **longer** is the red card than the purple card?

7. Carl's bean plant grew to be 9 centimeters tall. Dan's bean plant grew to be 14 centimeters tall. How much **taller** is Dan's plant than Carl's plant?

