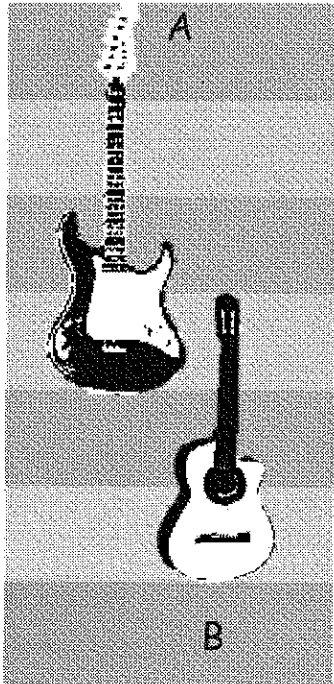


G1-M3-Lesson 9

1. Look at the picture below. How much longer is Guitar A than Guitar B?



Guitar A is 1 unit(s) longer than Guitar B.

Guitar A is 4 units long. Guitar B is 3 units long. $4 - 3 = 1$, so Guitar A is 1 unit longer.

2. Measure each object with centimeter cubes.



The blue pen is 8 centimeter cubes.



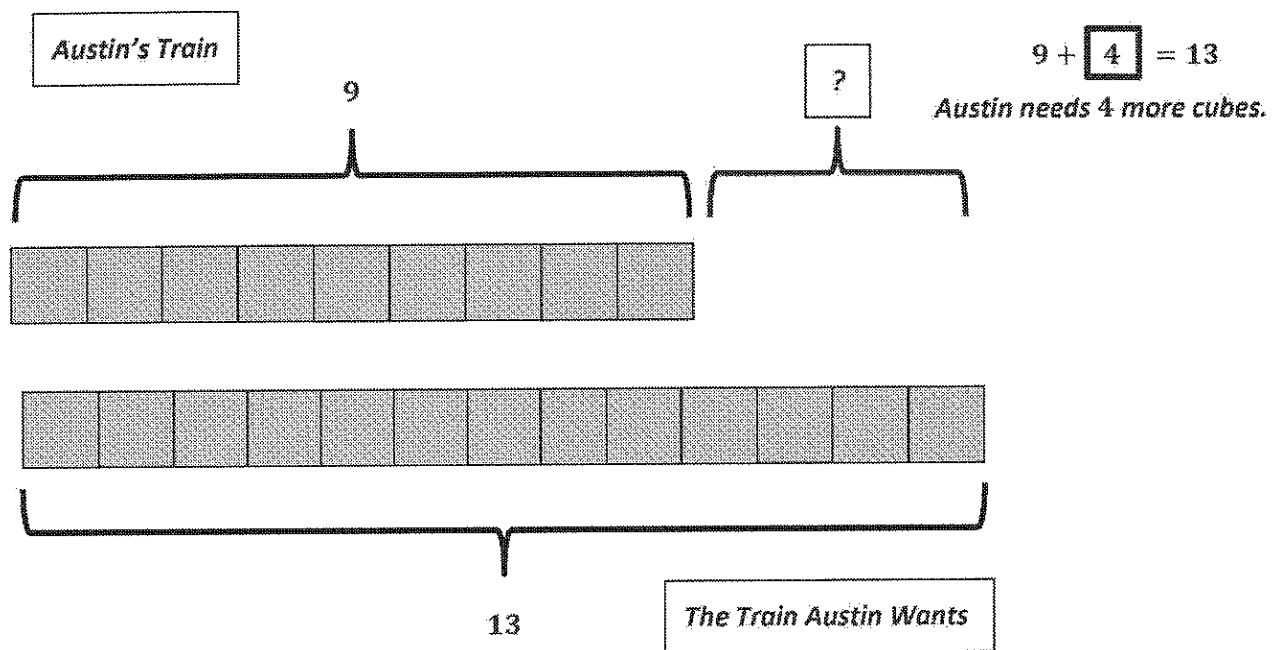
The yellow pen is 10 centimeter cubes.

3. How much **longer** is the yellow pen than the blue pen?

The yellow pen is 2 centimeters longer than the blue pen.

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

4. Austin wants to make a train that is 13 centimeter cubes long. If his train is already 9 centimeter cubes long, how many more cubes does he need?



I can use an addition sentence or a subtraction sentence to solve. I can say $13 - 9 = 4$, or I can say $9 + 4 = 13$.