

Name _____

Date _____

- When you divide 86 by 4 there is a remainder of 2. Model this problem with number disks. In the number disk model, how can you see that there is a remainder?
- Francine says that $86 \div 4$ is 20 with a remainder of 6. She reasons it is correct because $(4 \times 20) + 6 = 86$. What mistake has Francine made? Explain how she can correct her work.
- The number disk model is showing $67 \div 4$. Complete the model. Explain what happens to the 2 tens that are remaining in the tens column.

Tens	Ones

4. Two friends share 76 blueberries.
- To count the blueberries, they have already put them into small bowls of 10. Draw a picture to show how the blueberries can be shared equally. Will they have to split apart any of the bowls of 10 blueberries when they share them?
 - Explain how the friends can share the blueberries fairly.
5. Imagine you are drawing a comic strip showing how to solve the problem $72 \div 4$ to new fourth graders. Create a script to explain how you can keep dividing after getting a remainder of 3 tens in the first step.