

name: \_\_\_\_\_

Each of these problems is one of the problem types that has an associated direct modeling strategy. Tell what problem type each problem is, and describe (sentences, numbers, pictures) how a child would solve the problem by direct modeling.

1. Ethan had 13 dinosaurs. He gave 8 dinosaurs to Ralph. How many dinosaurs does Ethan have left?

2. Henry had 6 dinosaurs. For his birthday, he got 2 more dinosaurs. How many dinosaurs does he have now?

3. Henry blew up 7 balloons. How many more does he have to blow up to have 11 balloons?

4. Nathan has 7 chapter books and 9 picture books. How many more picture books than chapter books does Nathan have?

Each of these problems is a problem type that has an associated counting strategy. Tell what problem type each is and describe how a child would use the associated counting strategy to solve it.

5. Nathan made 6 paper airplanes. Later he made 3 more paper airplanes. How many paper airplanes did he make in all?

6. Donna had 5 toy horses. When she cleaned her room, she found some more toy horses, and then she had 8 toy horses. How many toy horses did she find?

7. Ellen had 11 bouncy balls. She gave 5 bouncy balls to Clara. How many bouncy balls does she have left?