

### Activity A: Finding a Chair

Next Generation Mathematics Learning Standard (s) Represent and solve problems involving addition and subtraction. Use addition and subtraction within 20 to solve one and two step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.

Mathematical Practice(s): MP1: Make sense of problems and persevere in solving them. MP2: Reason abstractly and quantitatively.

Materials • Finding a Chair task • Paper and pencil

Description These tasks types represent Compare contexts for addition and subtraction

Questions for parents to ask your child • Which problem(s) did you think were the hardest to solve? Why?

Extension Have your child make up their own problems using a different number but the same situation.

## Finding a Chair

- a. There are 8 children and 6 chairs. A child sits in each chair. How many children won't have a chair?
- b. There are 8 children and some chairs. A child sits in each chair. 2 children don't have a chair. How many chairs are there?
- c. There are some children and 6 chairs. A child sits in each chair. 2 children don't have a chair. How many children are there?
- d. There are 8 children and 10 chairs. A child sits in each chair. How many empty chairs are there?
- e. There are 8 children and some chairs. A child sits in each chair. Two chairs are empty. How many chairs are there?
- f. There are some children and 10 chairs. A child sits in each chair. Two chairs are empty. How many children are there?