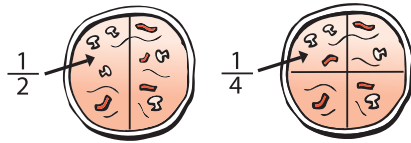


# Solve Math Problems

**Objective** Use *would* to answer questions with *suppose* in word problems.

## Learn to Solve Problems

**Problem** Kenji and Rosario bought a pizza to share equally. They cut the pizza in half. Suppose they cut the pizza into fourths instead. Would the pieces be larger or smaller?

	Read	Write/Think
<b>Step 1:</b>	Read the problem. Circle what the children did with the pizza.	I will circle "They cut the pizza in half."
<b>Step 2:</b>	Draw a square around what you should suppose or pretend.	I will put a square around "Suppose they cut the pizza in fourths instead."
<b>Step 3:</b>	Underline the question. What do you need to do?	I will underline "Would the pieces be larger or smaller?" I need to compare halves and fourths.
<b>Step 4:</b>	Solve the problem. Draw a picture if that will help.	 <p>Fourths are smaller than halves. So if the children cut the pizza in fourths, the pieces would be smaller.</p>



## Practice Solving Math Problems

**Directions** Follow steps 1 to 4 above to solve the word problems below. Solve the problems on a separate sheet of paper. Write the answers in complete sentences.

- Roshni had 8 markers. She gave Elena half of the markers. Suppose she gave Elena a quarter of the markers. Would Elena have more markers or fewer markers?
- Timo painted a third of a wall. Suppose he had painted half of the wall. Would more or less of the wall be painted?
- Julio made a flag with 4 equal stripes. Suppose he made the flag with 5 equal stripes. Would the stripes be larger or smaller?
- Sarina folded a dinner napkin into 4 equal parts. Suppose she folded it into 3 equal parts instead. Would the equal parts be larger or smaller?