Measuring Up

Level A

A small group of six soldiers came into a small town.

They were very hungry, but none of the townspeople offered them food.

One of the soldiers announced that they would make stone soup.

"How do you make stone soup?" a townsperson asked. "Well," the soldier replied, "you need a big pot, water, and a large stone." The townspeople, very curious to see how stone soup was made, gathered together the materials. The soldiers started to cook the soup over a fire they made.

Once the soup began to boil, a soldier said, "Sure, this will be a tasty stone soup, but a delicious stone soup would have additional ingredients."

The townspeople, now even more curious, asked what extra ingredients might be added. "Well, for each person, you would need 2 baby carrots, 3 green onions, and 5 chunks of meat."

What ingredients are needed to make a delicious stone soup for the 6 soldiers?

What ingredients are needed to make a delicious stone soup for 10 people?

What ingredients are needed to make a delicious stone soup for 25 people?

Explain how you determined you answers.