
Pea Soup

This problem gives you the chance to:

- use proportional reasoning
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This is a recipe for Pea Soup.

Pea Soup
For 2 people

1 cup of peas
2 cups of milk
1 onion
Seasoning

1. Carla makes pea soup for 6 people.

- a. How many cups of peas does she need? _____
- b. How many cups of milk does she need? _____

2. The graph on the opposite page shows how many cups of peas Carla needs to make the soup for different numbers of people.

- a. Explain how to use the graph to find how many cups of peas Carla needs for 10 people.
- _____
- _____

- b. Complete this table to show the numbers of cups of milk Carla needs for different numbers of people.

Number of people	0	2	4	6	8	10
Number of cups of milk	0	2				

- c. Mark the points in the table on the graph and join the points with a straight line.

d. What is the difference between your line and the 'Number of cups of peas' line?

e. Explain why the line for the number of onions Carla needs is the same as the line for the number of cups of peas.

