

Perfect Lasagne

You need a classmate

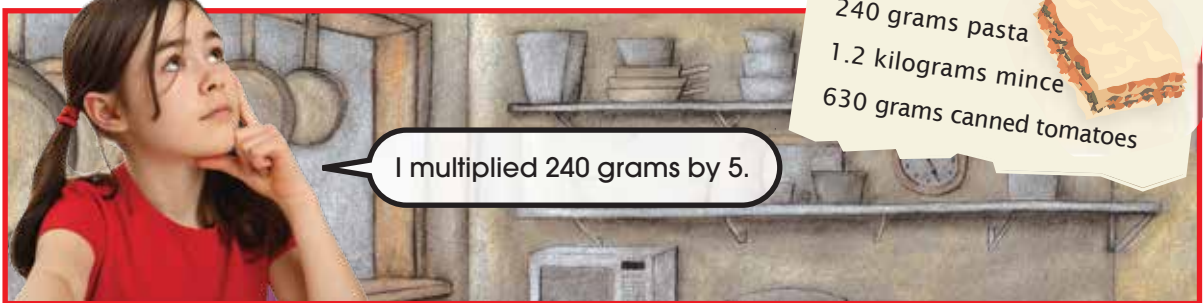
Activity

Ara and Liam are making lasagne for everyone on their school camp. First, they work out how much pasta they need for the 30 people in their class.

Papa Peroni's Perfect Lasagne for 6 people

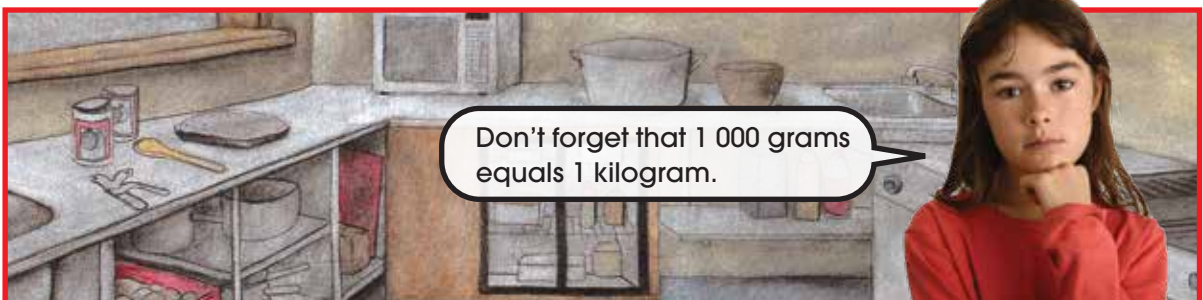
Ingredients:
 240 grams pasta
 1.2 kilograms mince
 630 grams canned tomatoes

1.



- Is Ara's strategy correct? Explain how you know.
- Use Ara's strategy to complete this table.

	6 people	30 people
Pasta	240 g	
Mince	1.2 kg	

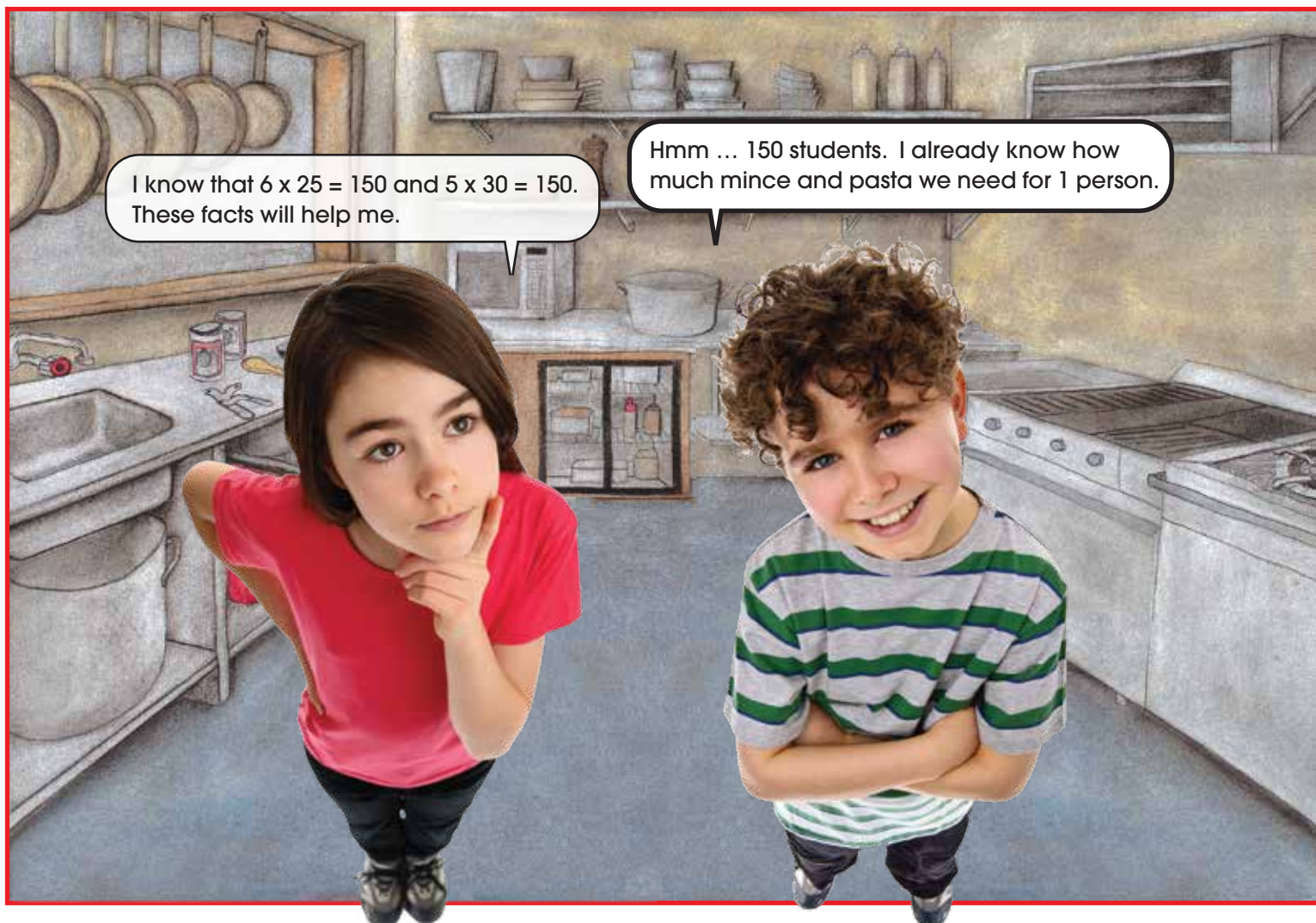


2.



- Why does Liam divide the 240 grams by 6?
- What might Liam do next to work out how much pasta they need for 30 people?
- Use Liam's strategy to work out how much mince they need for 30 people.

3. Use the two different strategies to work out how much mince and how much pasta they need to feed all 150 students at the camp.



4. Whose strategy is better for solving this problem? Why?
5. a. Papa Peroni's recipe for 6 people needs 630 grams of canned tomatoes. How much would be needed for:
- 10 people?
 - 60 people?
- b. Whose strategy is the most efficient for solving each of these questions?

Investigation

Find a recipe you like and ask a classmate to adapt it for a large group.