## Yogurt

A food company produces yogurt in half-cup tubs.









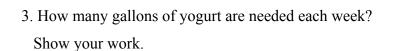
1. The tubs of yogurt are sold for 75¢ each.

Twenty percent of this is profit for the food company.

How much profit does the company make on each tub? Show your work.

The machine that fills the half-cup tubs with yogurt runs 10 hours a day for 5 days a week. It fills 1600 tubs an hour.

2. How many gallons of yogurt are needed to fill 1600 tubs? Show your calculations.



4. What is the percent increase in production if the machine runs for 7 days a week instead of 5 days a week?

Show how you figured it out.

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