Proportional Reasoning, Level 3+

Cereal Calculations

Ms Leishman

30 students

2 nights

Activity

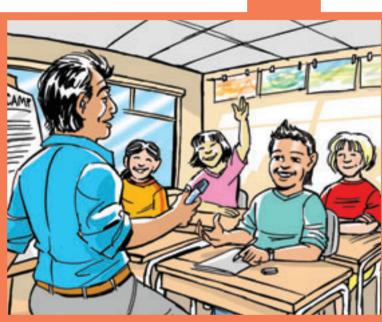
Three classes at Orchid Street School have class camps in February:

Mr WehipeihanaMrs Yeoman30 students20 students3 nights2 nights

The principal challenges each class to buy just the right amount of food, to avoid waste.

These three cereals were voted most popular, in the ratio 2:3:5:





A standard serving is 30 grams.

How much of each cereal should Mr Wehipeihana's class buy?

You may like to organise the information for this and the next two questions in tables like this:

Mr Wehipeihana's Class	Needed (students × grams × nights)	Βυγ
Wheat Bubbles	6 x 30 x 3 = 540	1 x 750 g
Bran Flakes		
Banana Pops		
Totals		

- 25 What should Mrs Yeoman's class buy?
- 3 What should Ms Leishman's class buy?
- Which class should end up with the least cereal left over?

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