Cereal Calculations

Activity

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

| Mr Wehipeihana 30 students 3 nights | Mrs Yeoman 20 students 2 nights | Ms Leishman 30 students 2 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:

Wheat Bubbles
500 g or 750 g

Bran Flakes
300 g or 500 g

Banana Pops
300 g or 500 g

A standard serving is 30 grams.

1. 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 x grams x nights)	Buy
Wheat Bubbles	6 x 30 x 3 = 540	1 x 750 g
Bran Flakes		
Banana Pops		
Totals		

2. What should Mrs Yeoman's class buy?

3. What should Ms Leishman's class buy?

4. Which class should end up with the least cereal left over?