6/5 Maths w/c 27th April 2020

3. Ratio and Proportion Problems

Banana surprise dessert – for 2 people

* 8 strawberries
* 4 digestive biscuits
* 2 pots of yogurt

How could I work out what ingredients I need if I want to make banana surprise for 4 people?

This is like the scale factor problem. My new group of people (4) is two times bigger than the recipe group of people (2). So, I need to multiply all the ingredients by 2 (the scale factor) to get the correct amount of ingredients.

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|  | Recipe | Scale factor | My group |
| Strawberries | 8 | 2 | 16 |
| Digestive biscuits | 4 | 2 | 8 |
| Pots of yogurt | 2 | 2 | 4 |

You can see this in the picture below. The first group is the recipe amount.

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Because I have two times as many people, I need two groups.

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Can you use pictures to work out what ingredients I would need for one person?

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What about 5 people?

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