- Objective: Solve problems involving the relative sizes of two quantities where the missing values can be found using integer multiplication and division facts (Use a: b notation)

Year 6 Task:

Here are the ingredients for chocolate ice cream.

| cream | 400 ml |
| :--- | :---: |
| milk | 500 ml |
| egg yolks | 4 |
| chocolate | 120 g |
| sugar | 100 g |



Stefan has only 300 ml of cream to make chocolate ice cream.
How much chocolate should he use?

KS2 SATs question
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## Worked example



## Variation

Here are the ingredients for chocolate ice cream.

| cream | 400 ml |
| :--- | :---: |
| milk | 500 ml |
| egg yolks | 4 |
| chocolate | 120 g |
| sugar | 100 g |



What if Stefan had 300 ml of cream. How much milk would Stefan need to make chocolate ice cream?

Show your workings here:

Here are the ingredients for chocolate ice cream.

| cream | 400 ml |
| :--- | :---: |
| milk | 500 ml |
| eggyolks | 4 |
| chocolate | 120 g |
| sugar | 100 g |



What if Stefan had 600 ml of cream? Can you change all the ingredients?
Show your workings here:

