Questions: Further sigma notation

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Questions relating to the guide on sigma notation

*Before attempting these questions, it is highly recommended that you read* [*Guide: Introduction to sigma notation*](../studyguides/sigmanotation.qmd) *and* [*Guide: Further sigma notation*](../studyguides/furthersigmanotation.qmd)*.*

## Q1

Simplify the following double sums by writing them as products as sums and applying the properties of sums

4.1

4.2

## Q2

Express the following as double sums in their simplest possible form.

5.1

5.2

5.3

5.4

## Q3

Simplify the following:

6.1

6.2

6.3