Answers: Introduction to vectors

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Answers to questions relating to the guide on introduction to vectors.

*These are the answers to* [*Questions: Introduction to vectors*](../questions/qs-introductiontovectors.qmd)*.*

**Please attempt the questions before reading these answers!**

## Q1

1.1.

1.2.

1.3.

1.4.

1.5.

1.6.

1.7.

1.8.

1.9.

1.10.

1.11.

1.12.

1.13.

1.14.

## Q2

2.1. Find the magnitude of the vector first, so .

Then

2.2. Find the magnitude of the vector first, so .

Then

2.3. Find the magnitude of the vector first, so .

Then

2.4. Find the magnitude of the vector first, so .

Then

2.5. Find the magnitude of the vector first, so .

Then

2.6. Find the magnitude of the vector first, so .

Then

2.7. Find the magnitude of the vector first, so .

Then

2.8. Find the magnitude of the vector first, so .

Then

2.9. Find the magnitude of the vector first, so .

Then

2.10. Find the magnitude of the vector first, so .

Then

2.11. Find the magnitude of the vector first, so .

Then

2.12. Find the magnitude of the vector first, so .

Then

2.13. Find the magnitude of the vector first, so .

Then

2.14. Find the magnitude of the vector first, so .

Then

## Version history and licensing

v1.0: initial version created 08/23 by Zheng Chen as part of a University of St Andrews STEP project.

* v1.1: edited 05/24 by tdhc.

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