Answers: Trigonometric identities (radians)

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Summary

A selection of questions on trigonometric identities, using radians to measure angles.

*These are the answers to* [*Questions: Trigonometric identities (radians)*](../questions/qs-trigonometricidentities-radians.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.

## Q2

2.1.

2.2

2.3.

2.4.

2.5.

2.6.

## Q3

3.1.

3.2. Here , and .

3.3. to three decimal places.

## Q4

4.1.

4.2.

4.3.

4.4.

4.5.

4.6.

## Version history and licensing

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

* v1.1: edited 05/24 by tdhc, and split into versions for both degrees and radians.

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