

# Tom's to-do list

## Guides for which files exist in some guise

### Arithmetic and algebra

Topic	Link to guide	Link to questions	Link to answers
Introduction to quadratic equations	cat, image	vh, cat	vh, cat
The quadratic formula	cat, image	vh, cat	vh, cat
Laws of indices	cat, image	vh, cat	vh, cat
Solving exponential equations	cat, image	vh, cat	vh, cat
Introduction to logarithms	cat, image	vh, cat	vh, cat
Sigma notation	cat, image	vh, cat	vh, cat
Rearranging equations	cat, image	vh, cat	vh, cat
Further sigma notation (DRAFT)	write	write	write
Rearranging trig and logs	split	split	split

### Angles and trigonometry

Topic	Link to guide	Link to questions	Link to answers
Radians	cat, image	vh, cat	vh, cat
Introduction to trigonometry	cat, image	vh, cat	vh, cat
Trigonometric identities	cat, image	vh, cat	vh, cat

### Vectors

Topic	Link to guide	Link to questions	Link to answers
Introduction to vectors	cat, image	vh, cat	vh, cat
Addition and scalar multiplication	cat, image	vh, cat	vh, cat
The scalar product	cat, image	vh, cat	vh, cat

## Factsheets

Topic	Link to factsheet
Laws of indices	vh, cat
Greek letters	vh, cat

## Proof sheets

Topic	Link to proof sheet
Quadratic formula	cat
Scalar product	cat
Trigonometric identities	under construction
Properties of sigma notation	under construction

## Guides alluded to in materials but no files exist yet:

- Rationalizing the denominator (priority)
- Multiple revolutions and negative angles
- Completing the square (priority)
- Introduction to complex numbers
- Factorization
- Even and odd functions
- Trigonometry and integration
- Solving simultaneous equations (priority)

- Rearranging with factorisation and reciprocals
- Finding lines and angles using trigonometry
- Inverse trigonometric functions

## **Guides wanted:**

- What is a p-value? (AL)