

MASA PD SESSION - GEOFF PHILLIPS

Fifty50 Mathematics and the software used to create it.

PART 1 ① **Fifty50 Mathematics - over 1000 pdf files**

130 Worksheets (50 questions on each page)

130 Worksheets answers

130 Worked examples w/o solutions

130 Worked examples with solutions

203 Activities/Investigations

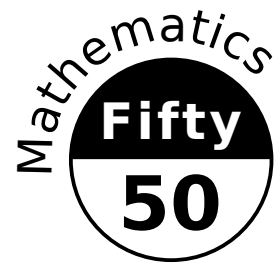
203 Activities/Investigations answers

80 Posters

73 Apendices

Samples/tour (using Adobe Bridge)

Suggestions for new sheets, corrections/editing required - let me know



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PART 2 ② **The programs**

1-Inkscape (www.inkscape.org) - requests?

How to edit text in Fifty50 files.

Youtube: Inkscape for teachers.

2-Poly (www.peda.com/poly)

How to unfold nets, recolour, copy to Word etc.

3-Stella4D (www.software3d.com/Stella.php)*

How to set shortest edge, print sep. shapes, augment.

4-Desmos (www.desmos.com/calculator)

How to graph with parameters, tables of values, restrict domain & range.

5-Graphe Easy (www.maths-pro.com/more.htm)

How to plot functions, format them and copy to Word. Parameters.

Sample GP file: Integration.

6-GIMP (www.gimp.org)

Add alpha channel, remove background.

7-Maths-pro polyhedra gallery (www.maths-pro.com/apps/photos)

Multiple albums of polyhedra.

Free samples



www.maths-pro.com