Pentagonal Hexecontahedron

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Table of Contents

1. Instructions ............................................................................................................. 1
2. Plans — Dextro (Right-Handed) ............................................. .................................. 2
   2.1. Left Half ........................................................................................................... 2
   2.2. Right Half ........................................................................................................ 3
   2.3. Left Half With Numbered Pentagons ............................................................ 4
   2.4. Right Half With Numbered Pentagons .......................................................... 5
3. Plans — Levato (Left-Handed) ............................................................................... 6
   3.1. Left Half ......................................................................................................... 6
   3.2. Right Half ....................................................................................................... 7
   3.3. Left Half With Numbered Pentagons .............................................................. 8
   3.4. Right Half With Numbered Pentagons ........................................................... 9
4. Separate Tabs ......................................................................................................... 10
5. Pentagons for Cutting Out ..................................................................................... 11
   5.1. Not Numbered ............................................................................................... 11
   5.2. Numbered ...................................................................................................... 13
6. Copying .................................................................................................................. 15
   6.1. GNU General Public License ......................................................................... 15
   6.2. GNU Free Documentation License ............................................................... 21

Instructions

For general instructions, see this PDF document: https://www.gnu.org/software/3dldf/graphics/plmdinst.pdf

PLEASE NOTE! The author has tried to ensure that the following plans are correct, but as of September 26, 2021, he has not tested them yet himself. As mentioned above, this material is distributed without a warranty. I recommend that users check it themselves before investing a lot of time and effort into cutting out the paper models.
Pentagonal Hexecontahedron — Dextro (Right-Handed)

Left Half

$\alpha \approx 118.137^\circ$

$\beta \approx 67.4535^\circ$

$4.67443 \text{ cm}$

$3.49979 \text{ cm}$
Pentagonal Hexecontahedron — Dextro (Right-Handed)

Right Half

Connect left half here
Pentagonal Hexecontahedron — Dextro (Right-Handed)

Right Half With Numbered Pentagons

Connect left half here

1 2 3 4 5

6 7 8 9 10

11 12 13 14 15

16 17 18 19 20

21 22 23 24 25

26 27 28 29 30

31 32 33 34 35

36 37 38 39 40

41 42 43 44 45

46 47 48 49 50

51 52 53 54 55

56 57 58 59 60

61 62 63 64 65

Connect left half here

1 2 3 4 5

6 7 8 9 10

11 12 13 14 15

16 17 18 19 20

21 22 23 24 25

26 27 28 29 30

31 32 33 34 35

36 37 38 39 40

41 42 43 44 45

46 47 48 49 50

51 52 53 54 55

56 57 58 59 60

61 62 63 64 65
Pentagonal Hexecontahedron — Laevo (Left-Handed)

Left Half

α ≈ 118.137°

β ≈ 67.4535°

3.49979 cm

1 cm

2 cm

A

Connect right half here

α ≈ 118.137°

β ≈ 67.4535°
Pentagonal Hexecontahedron — Laevo (Left-Handed)
Left Half With Numbered Pentagons

Connect right half here
A
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Version 3, 29 June 2007

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