Mister Blocks

FREE LEGO BUILDING INSTRUCTIONS · PDF

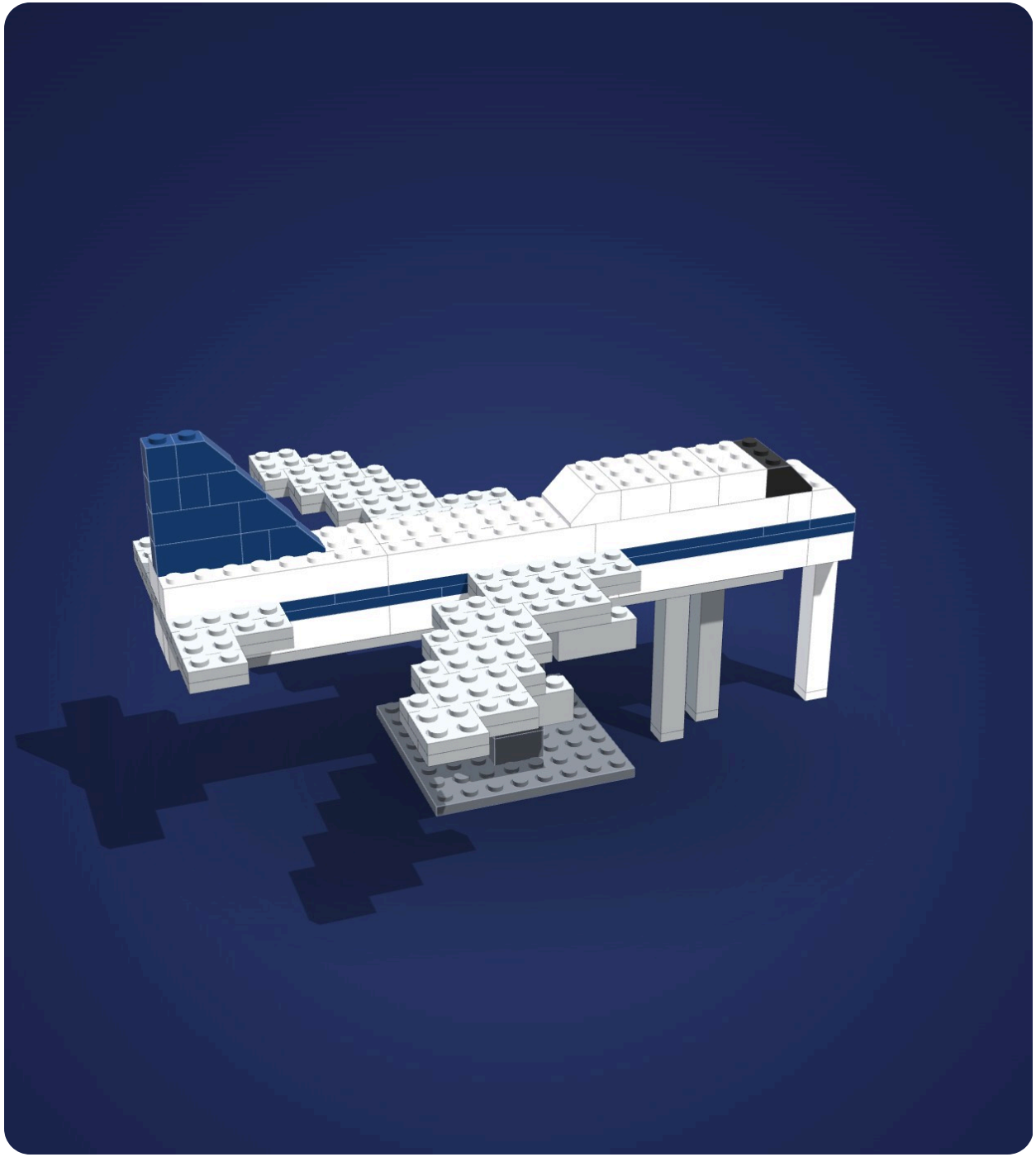
Boeing 747

The jumbo jet in bricks on a display stand: the hump of the upper deck, four engines under swept wings, a tall blue tail.

Free LEGO Boeing 747 instructions as a printable PDF: a fan-made LEGO MOC built from 123 standard LEGO pieces in 13 steps, with the pieces for every step and a full parts list.

Build it in 3D, step by step:
misterblocks.com/builds/boeing-747-lego-build

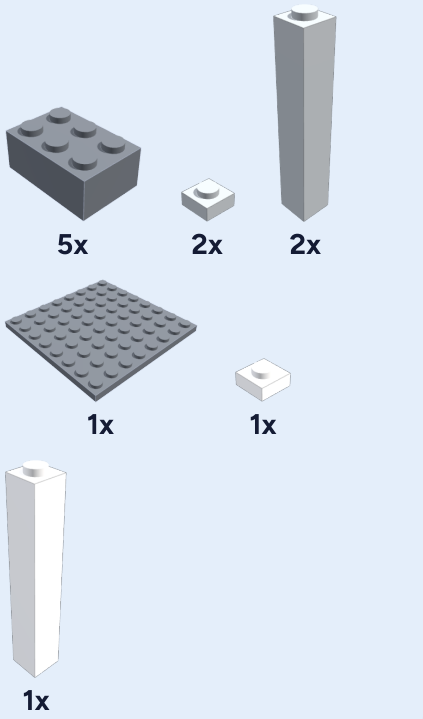
123	13	31
PIECES	STEPS	KINDS OF PIECE



An unofficial fan build. All standard pieces; any similar colour works. Every stud is checked. LEGO is a trademark of the LEGO Group, which does not sponsor this site.

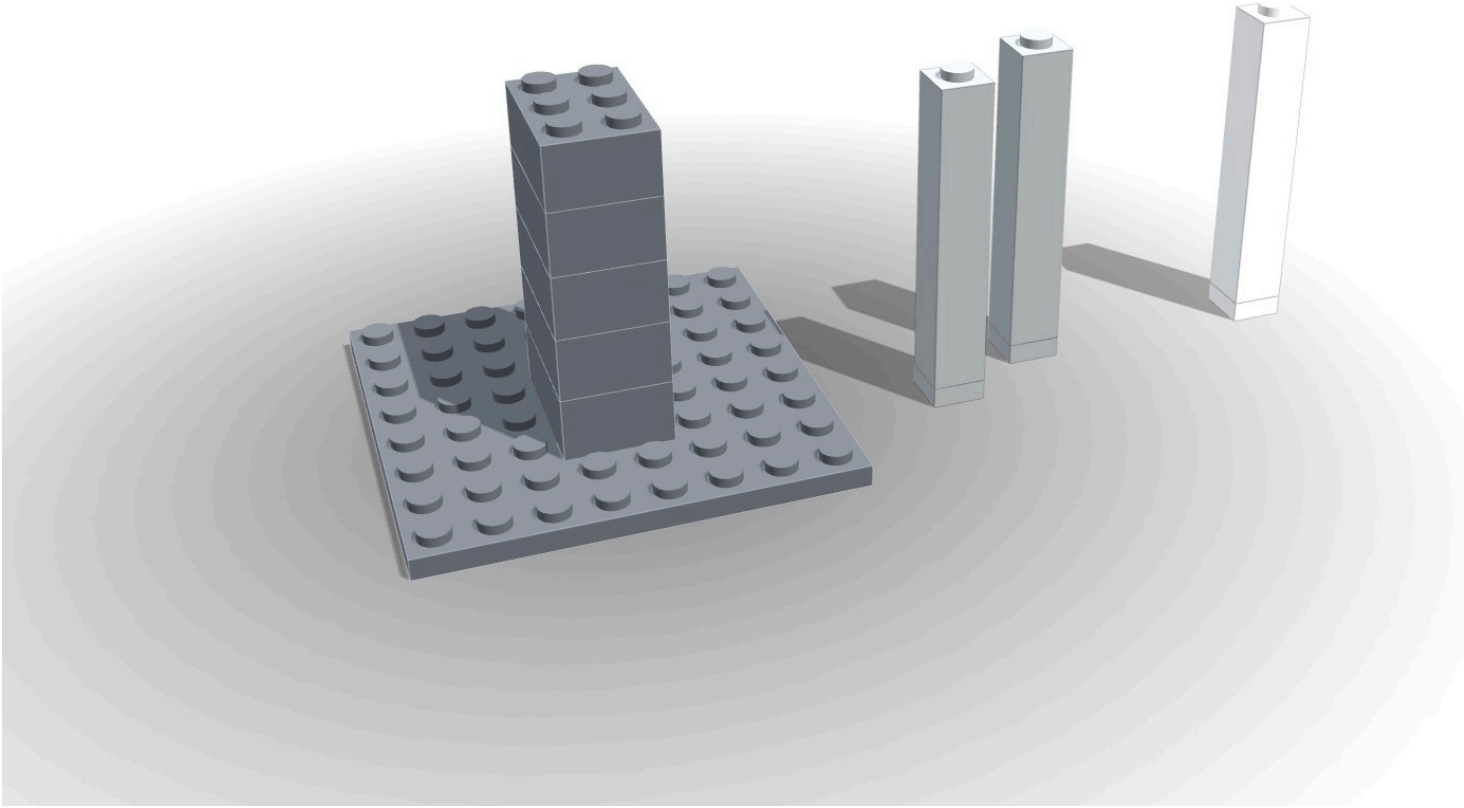
STEP

1



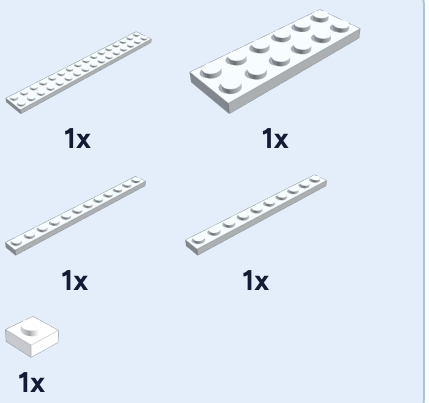
Display stand

A dark gray 8×8 plate and a column of dark gray bricks.



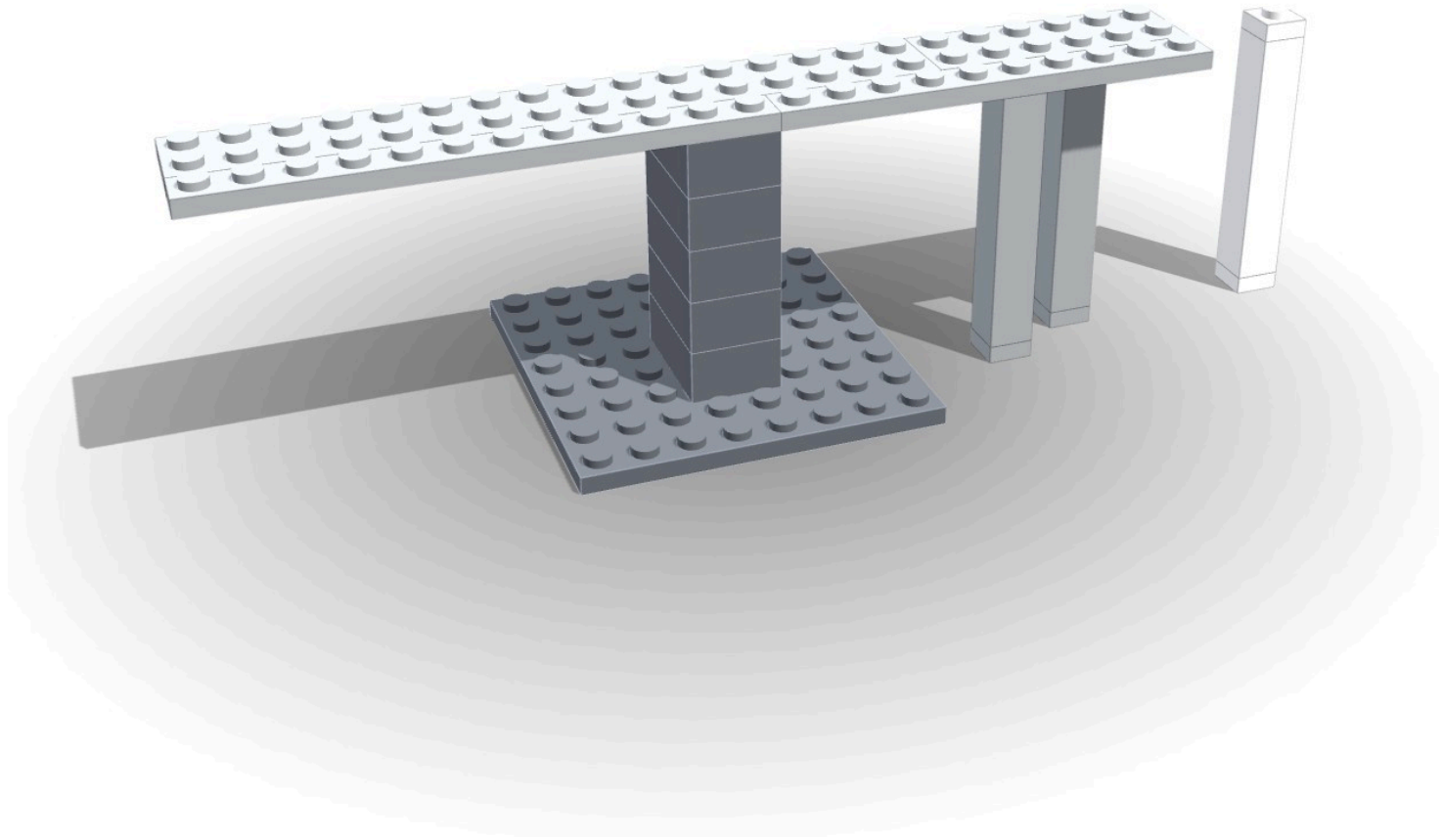
STEP

2



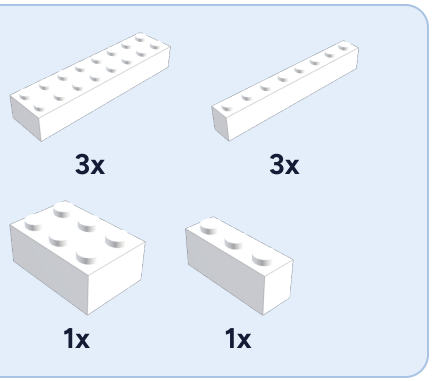
Belly

A light gray belly plate across the top of the stand.



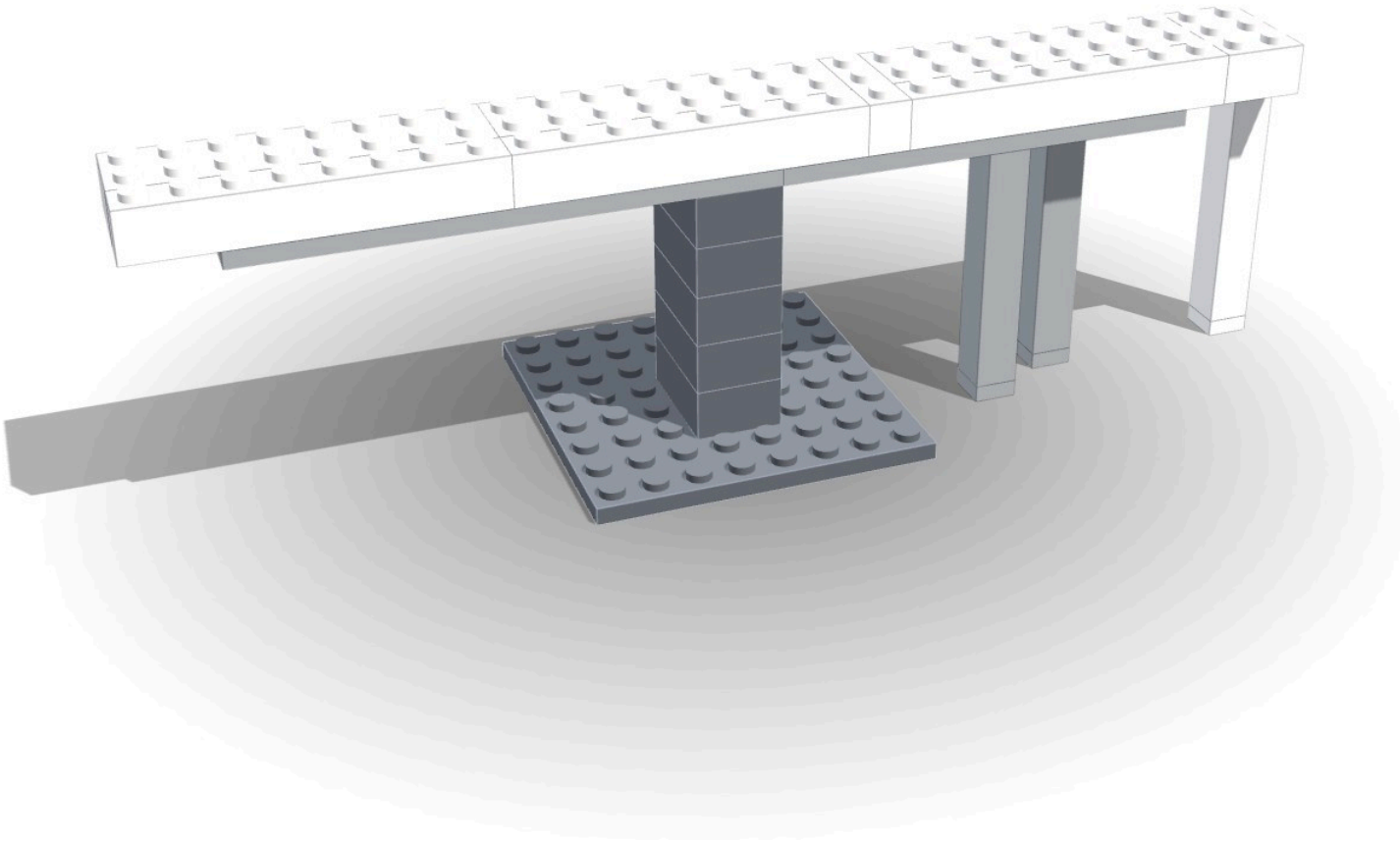
STEP

3



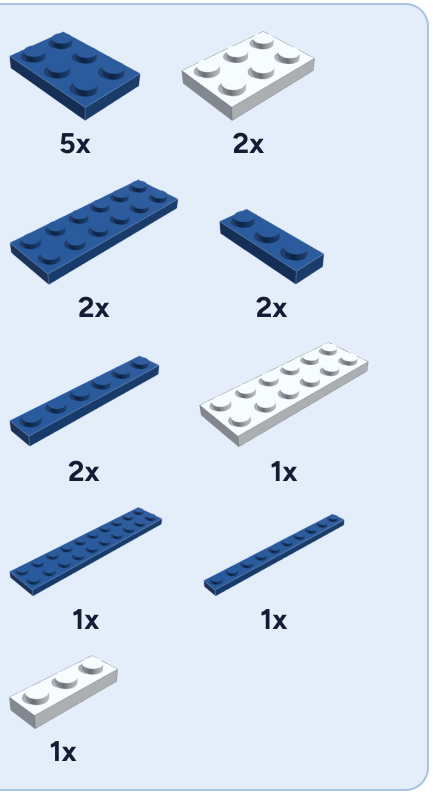
Lower fuselage

White bricks along the belly: the lower half of the fuselage, nose to tail.



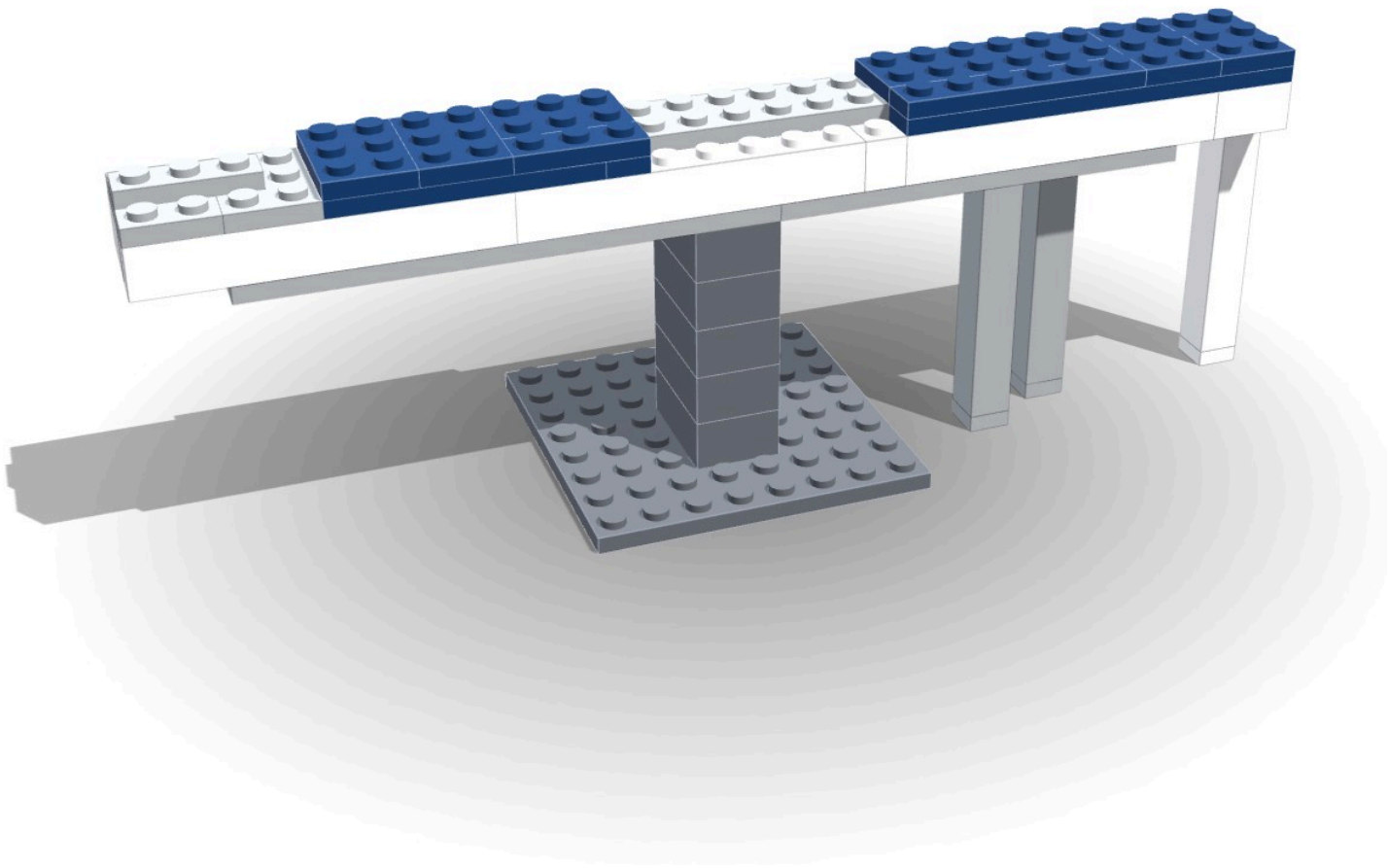
STEP

4



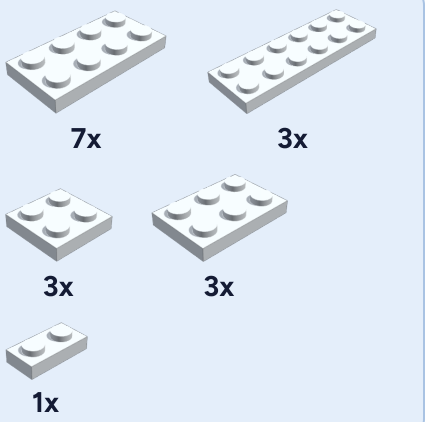
Cheatline

The middle of the fuselage: dark blue along the side, gray where the wings and tailplanes will meet it.



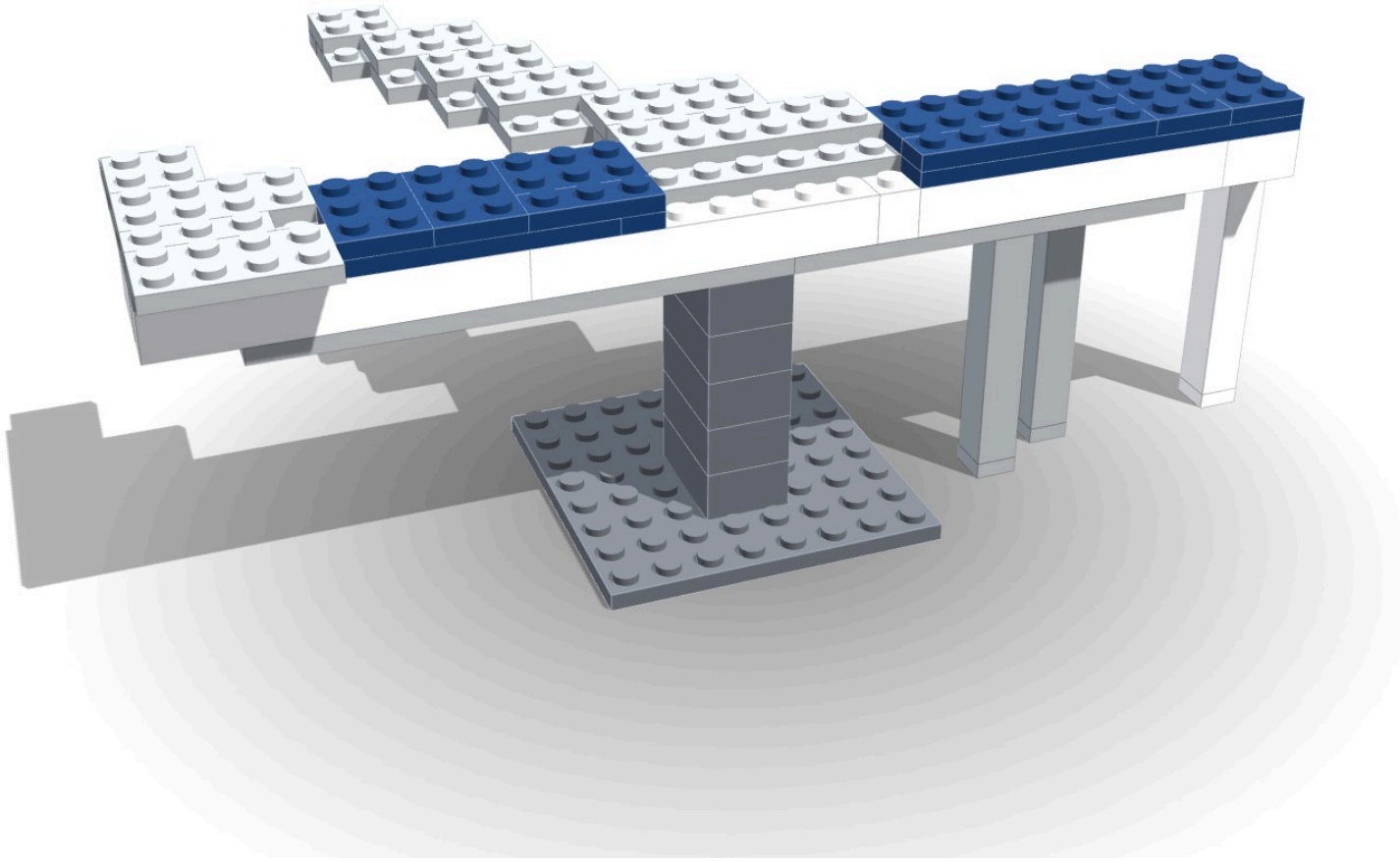
STEP

5



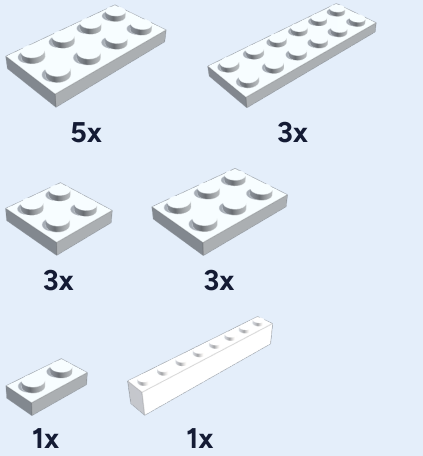
Wings (1/2)

The swept gray wings and tailplanes, laid in blocks two rows deep that step back toward the tips.



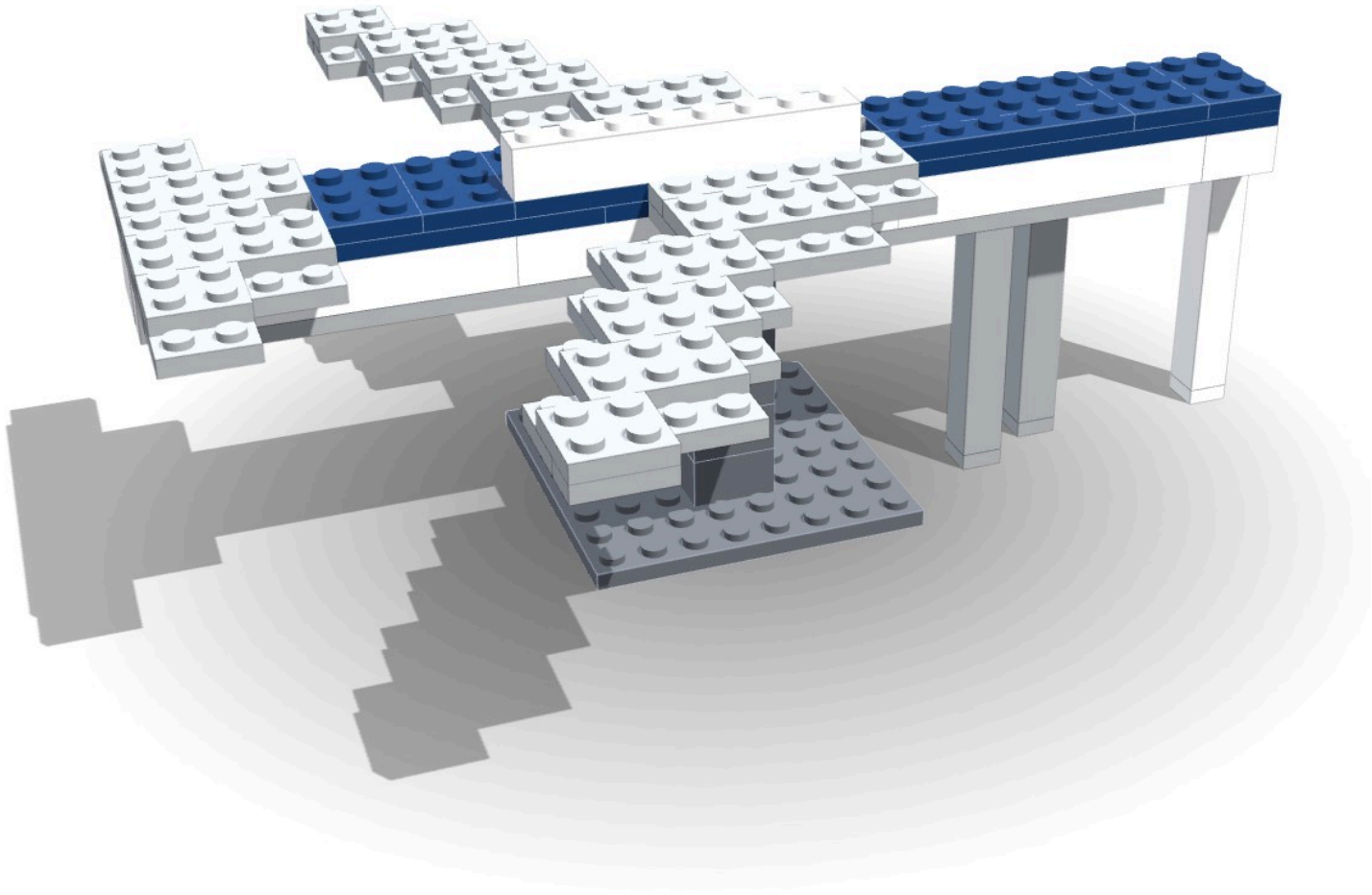
STEP

6



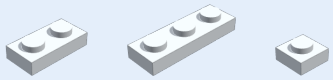
Wings (2/2)

More of the same: the swept gray wings and tailplanes, laid in blocks two rows deep that step back toward the tips.



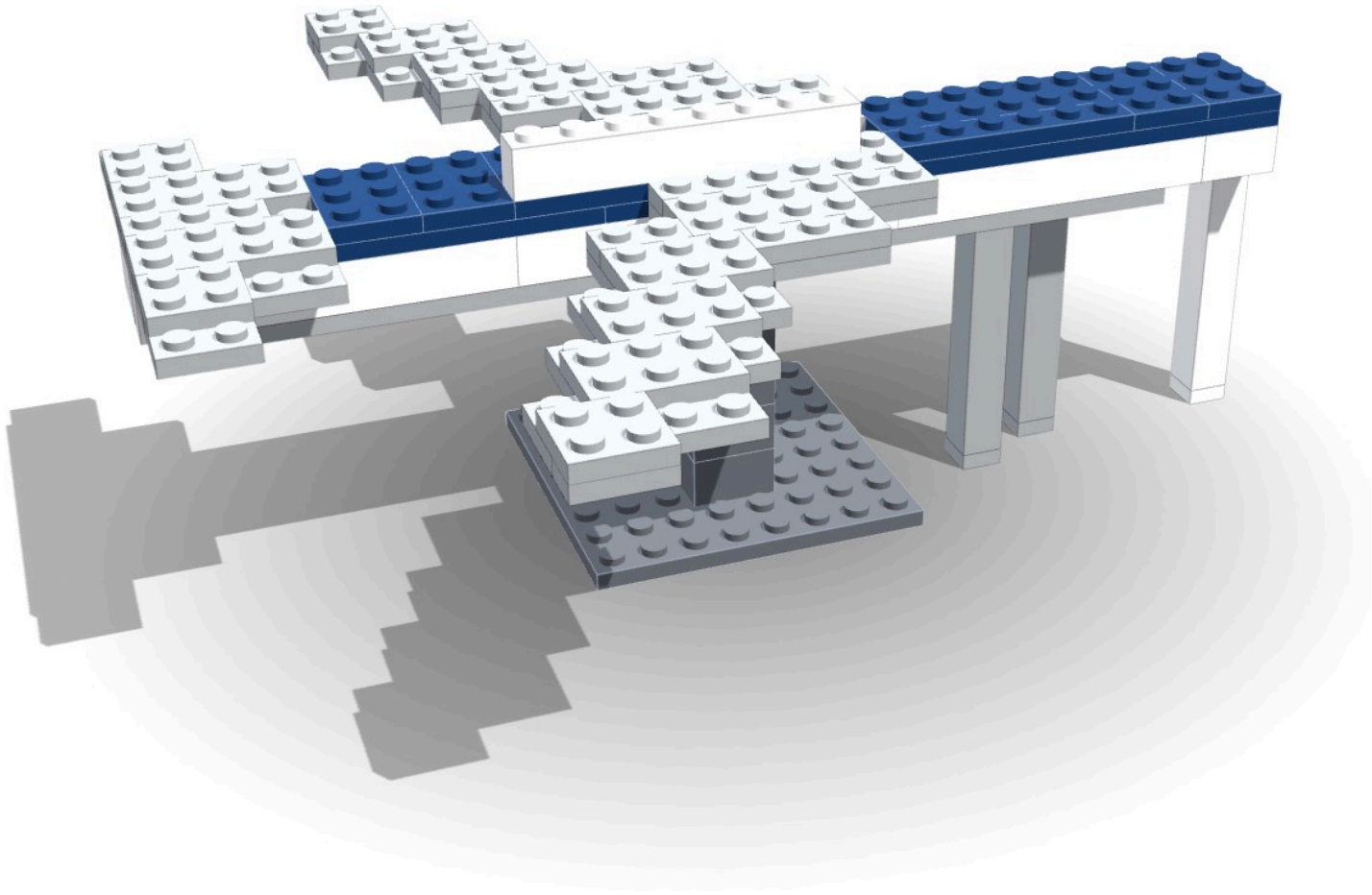
STEP

7



Wings, second layer (1 of 3)

A second layer of plates, offset by one row so it bridges every seam of the first: each wing is now one solid piece, tied to the fuselage.



STEP

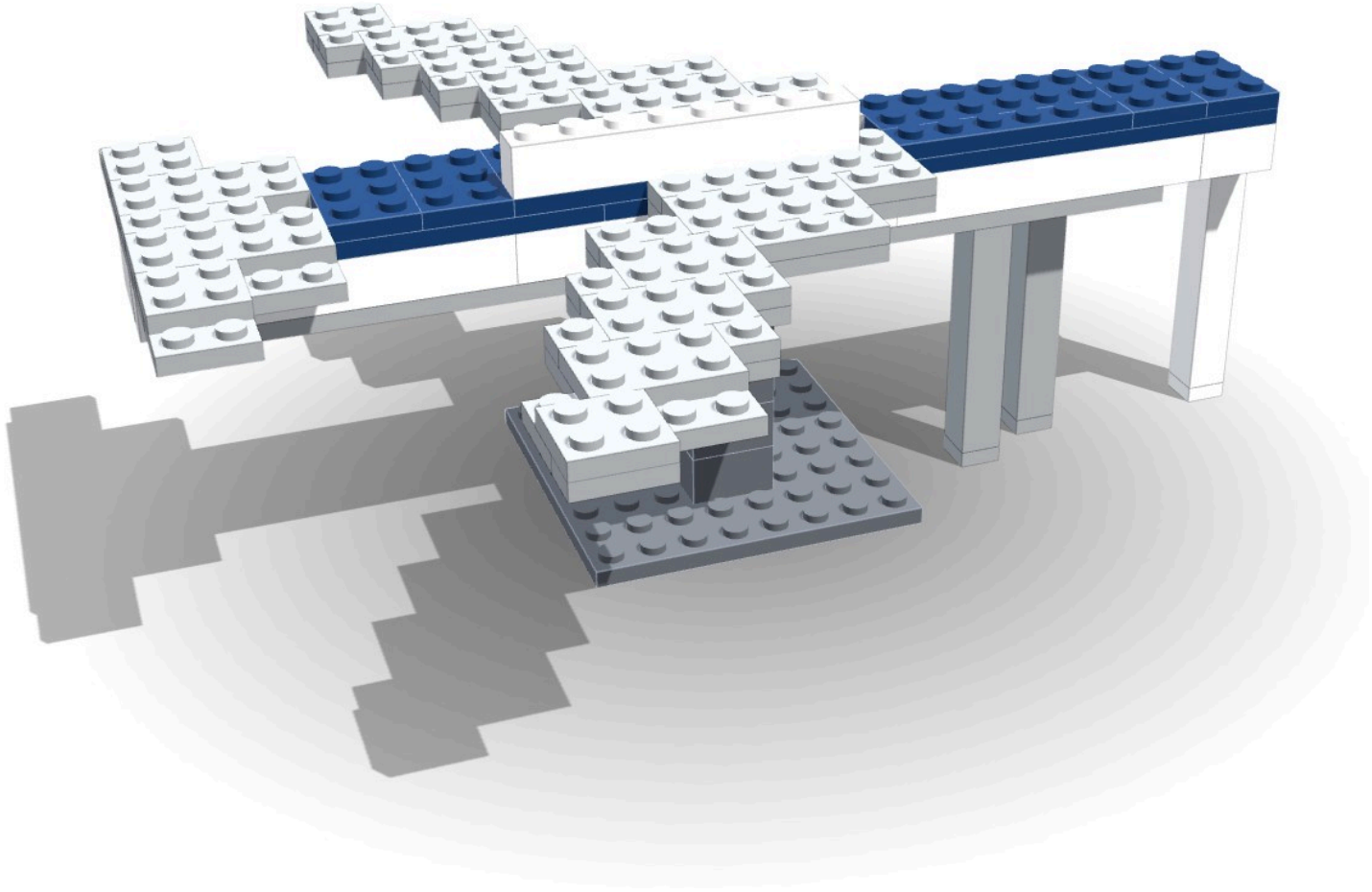
8



8x

Wings, second layer (2 of 3)

Keep going: a second layer of plates, offset by one row so it bridges every seam of the first: each wing is now one solid piece, tied to the fuselage.



STEP

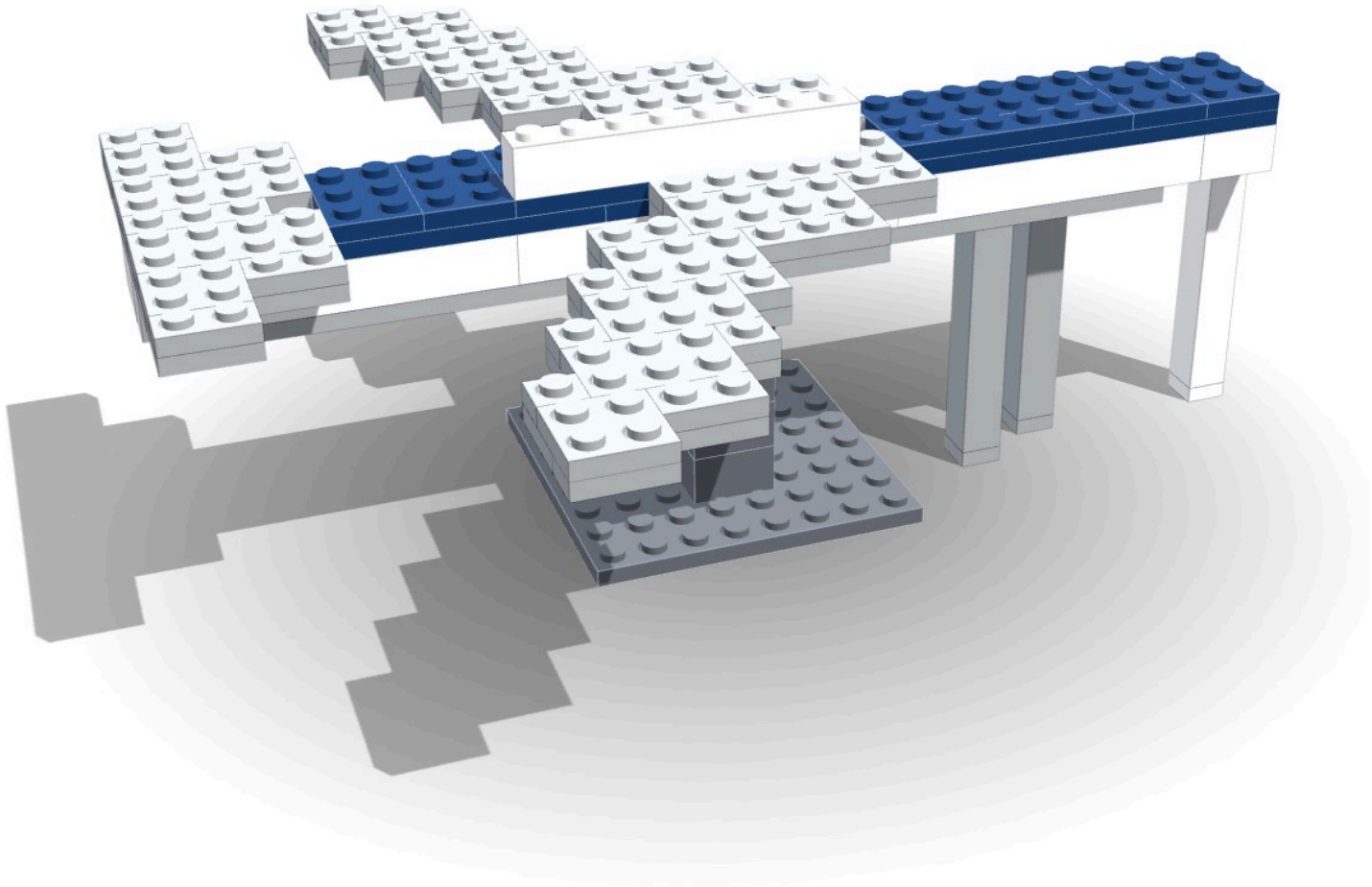
9



6x 1x

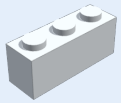
Wings, second layer (3 of 3)

Keep going: a second layer of plates, offset by one row so it bridges every seam of the first: each wing is now one solid piece, tied to the fuselage.



STEP

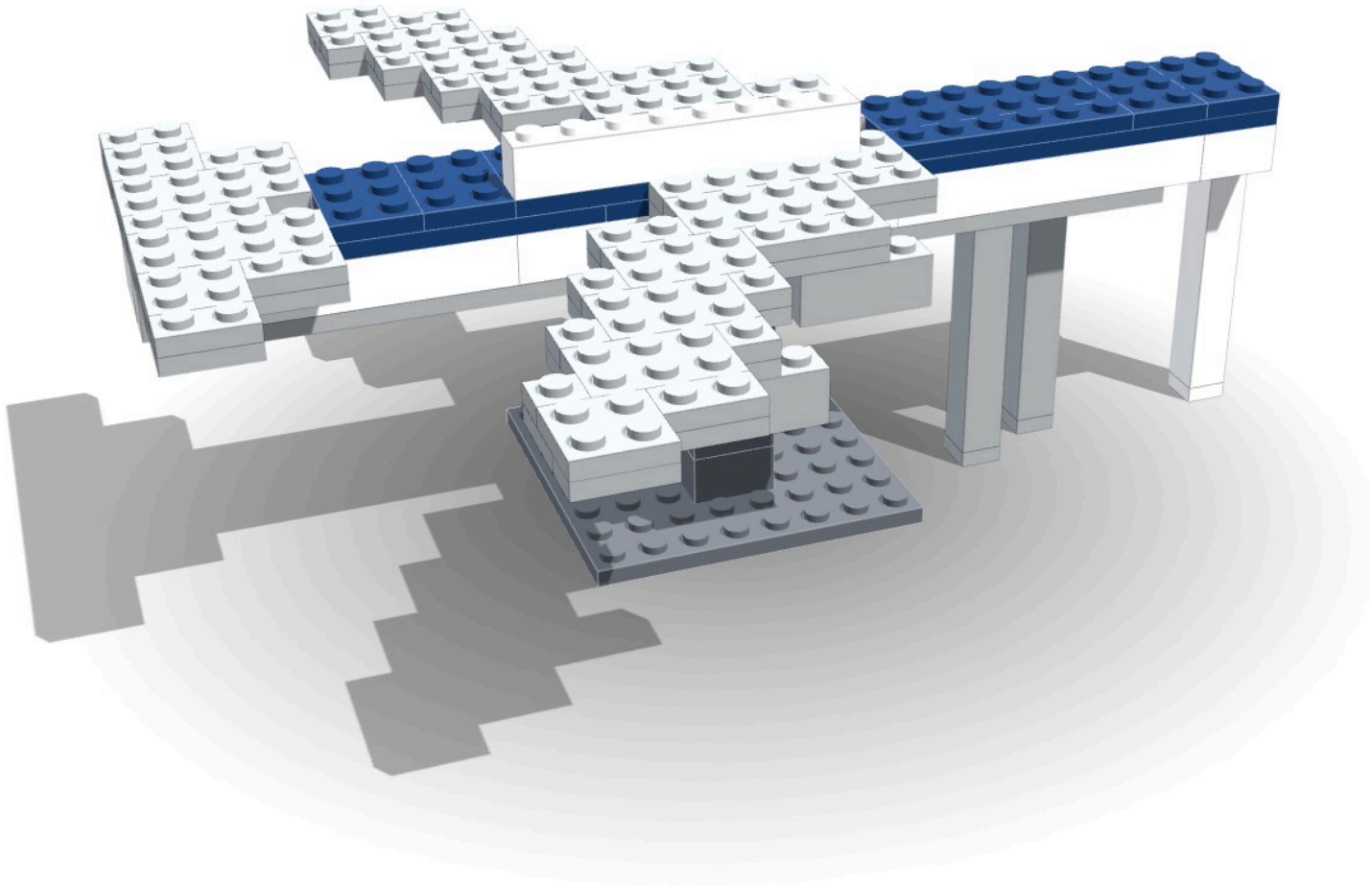
10



4x

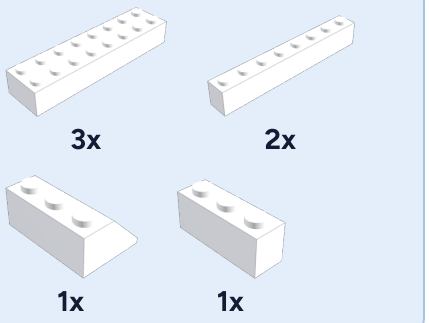
Engines

Four gray engines hanging under the wings, each sticking out ahead of the leading edge.



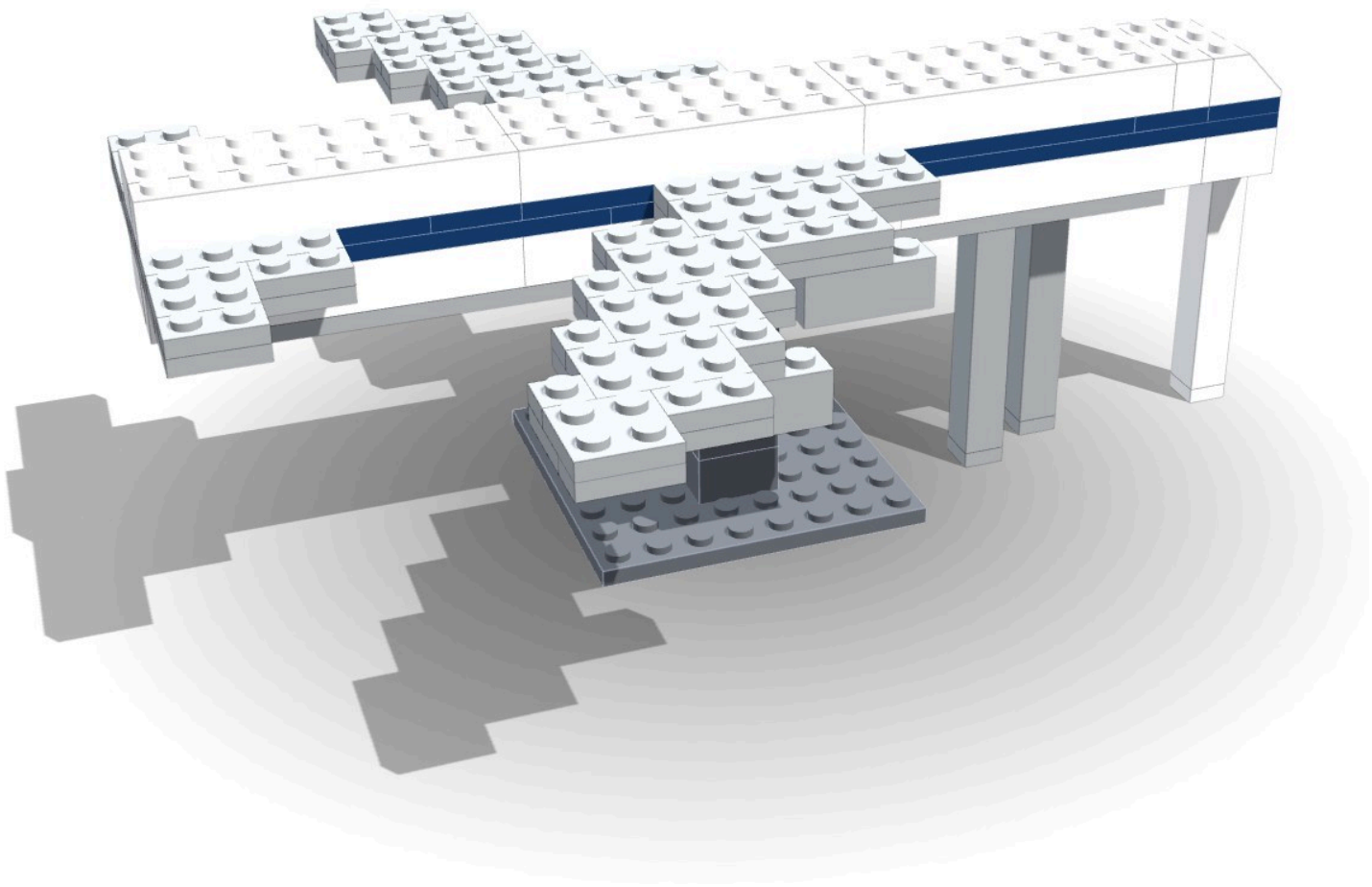
STEP

11



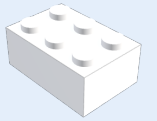
Upper fuselage

The top half of the fuselage, with a sloped nose.

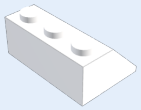


STEP

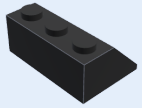
12



3x



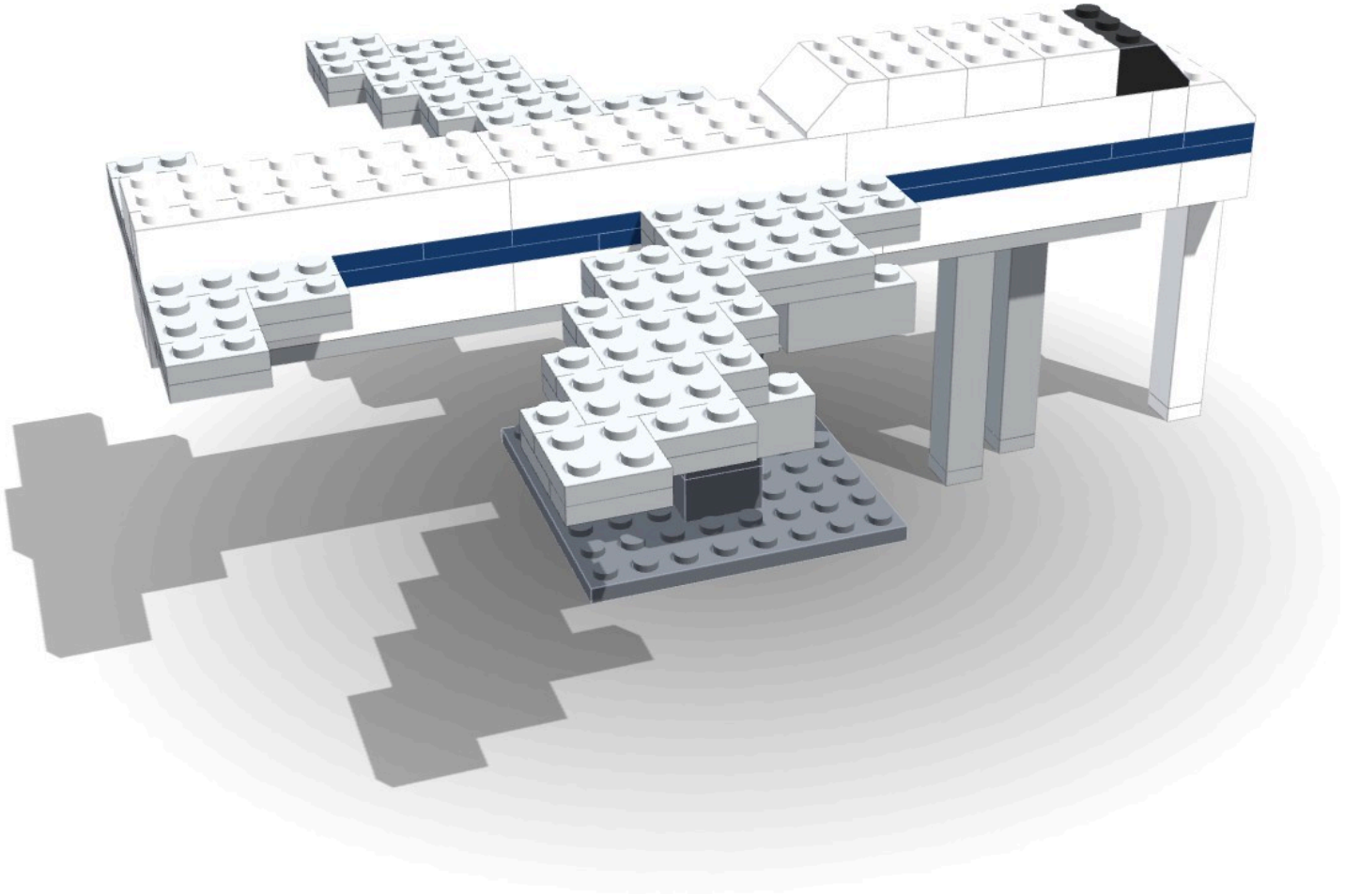
1x



1x

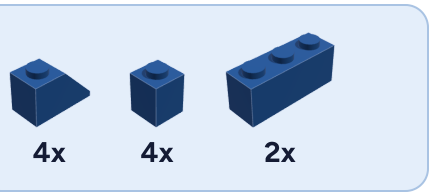
The hump

The upper deck behind the cockpit, the 747's hump, with black cockpit windows sloping down at the front.



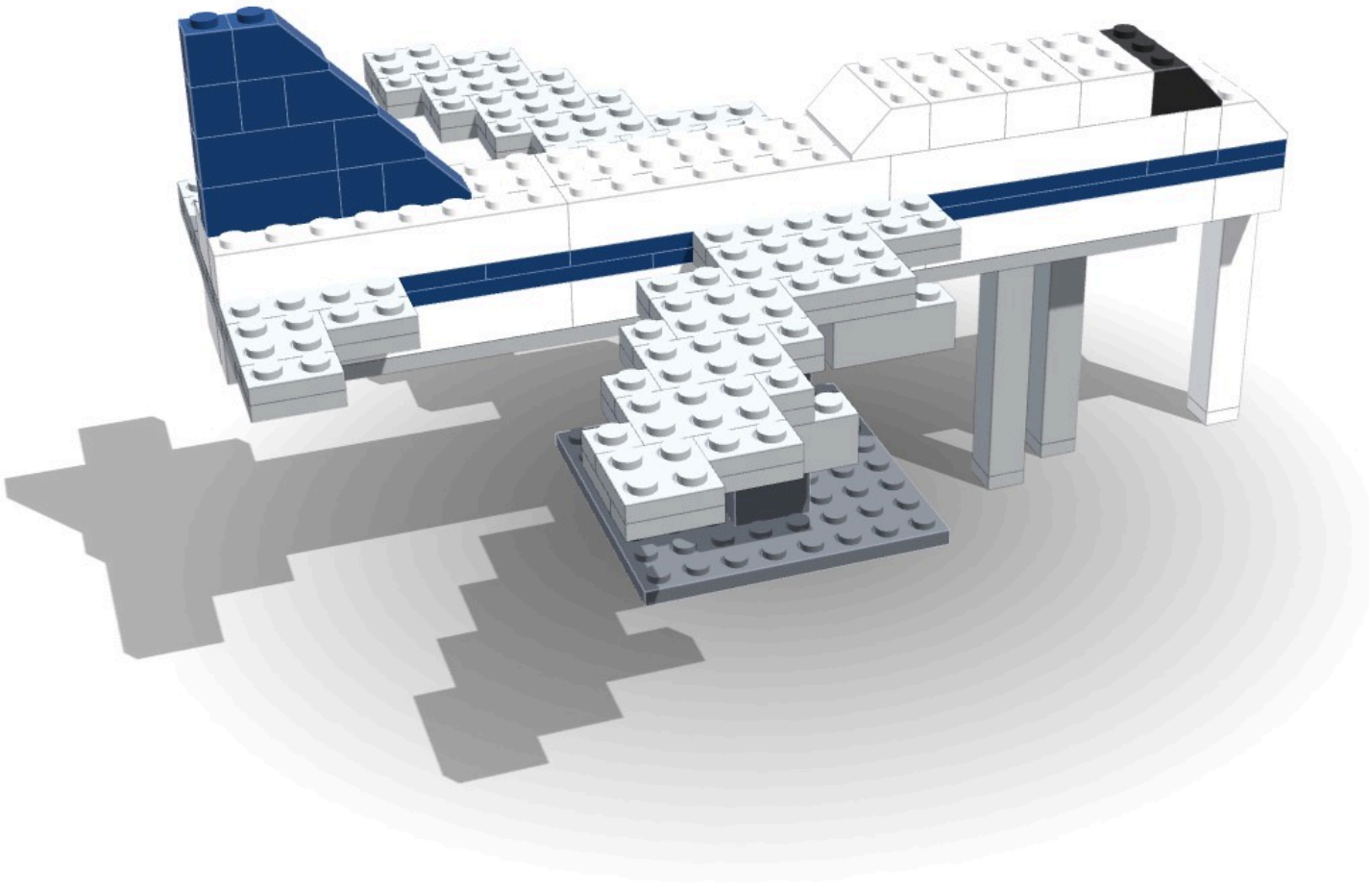
STEP

13



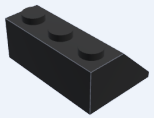
Tail fin

The tall dark blue fin, one stud thick, with a swept leading edge.

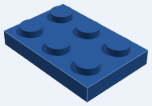


Parts list

123 pieces, 31 kinds. Any similar colour works.



1x
2×3 slope 45°, black



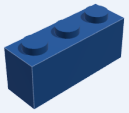
5x
2×3 plate, dark blue



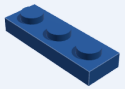
4x
1×1 brick, dark blue



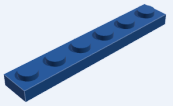
4x
1×2 slope 45°, dark blue



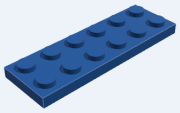
2x
1×3 brick, dark blue



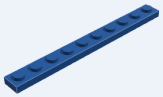
2x
1×3 plate, dark blue



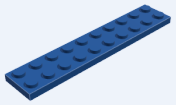
2x
1×6 plate, dark blue



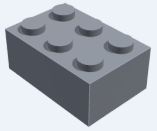
2x
2×6 plate, dark blue



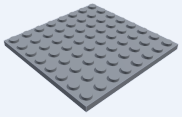
1x
1×10 plate, dark blue



1x
2×10 plate, dark blue



5x
2×3 brick, dark bluish gray



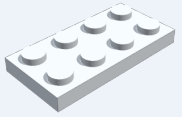
1x
8×8 plate, dark bluish gray



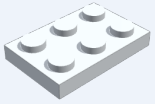
12x
1×1 plate, light bluish gray



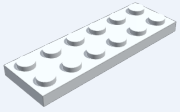
12x
1×2 plate, light bluish gray



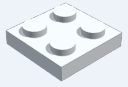
12x
2×4 plate, light bluish gray



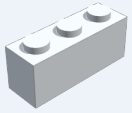
8x
2×3 plate, light bluish gray



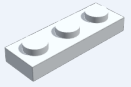
8x
2×6 plate, light bluish gray



6x
2×2 plate, light bluish gray



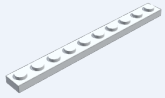
4x
1×3 brick, light bluish gray



3x
1×3 plate, light bluish gray



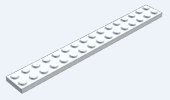
2x
1×1×5 brick, light bluish gray



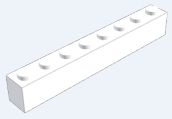
1x
1×10 plate, light bluish gray



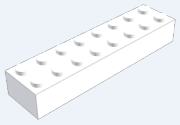
1x
1×12 plate, light bluish gray



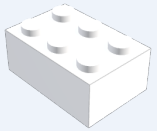
1x
2×16 plate, light bluish gray



6x
1×8 brick, white



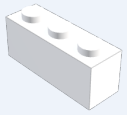
6x
2×8 brick, white



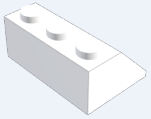
4x
2×3 brick, white



2x
1×1 plate, white



2x
1×3 brick, white



2x
2×3 slope 45°, white



1x
1×1×5 brick, white

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