WORLD ROBOT OLYMPIAD ™

RoboMission

Junior Extra Task

Season 2026



Heritage Heroes

Restore the newly discovered tower tops

Version October 8th 2026

To be used with the WRO 2026 Junior season rules

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1. Introduction

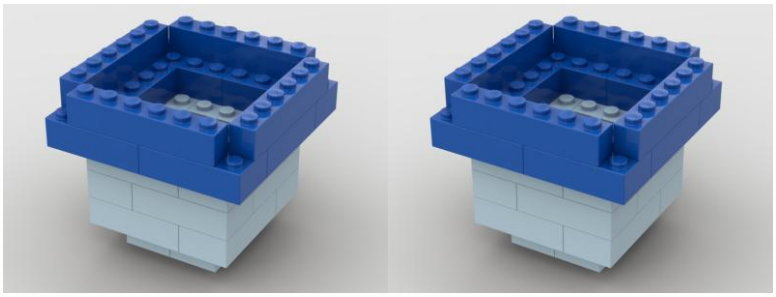
During the restoration of the fortress, archaeologists have discovered two more tower tops. Their light-blue walls and blue crowns once stood high above the site. Your robot must collect them and place them on the existing towers. It can restore two towers separately or carefully stack both new tops on one complete tower to build an even taller landmark.

2. Game objects and positioning

Extra tower tops

There are two identical extra tower tops on the field. Each has a light-blue lower section and a blue crown.

Teams without the new KKITC brick set may build an alternative version using bricks from the old set. Building instructions are provided separately for both versions. The same placement requirements, upright definition and scoring apply to both.



Extra tower tops *(built with the new KKITC brick set)*

Initial positions

The tower tops are placed upright on the two grey squares marked below, near the initial positions of the red towers and yellow tower tops. Centre its 4×4 base layer on the grey square. These positions are the same every round.



The blue circles identify the two grey starting squares.

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3. Robot mission

Restore the newly discovered tower tops

Collect the two extra tower tops and place them on complete yellow or red towers. The supporting tower may stand anywhere on the game field; it does not have to be partly or completely in its target area to earn extra-task points.

A complete yellow tower consists of a yellow tower top correctly placed on a yellow tower base. A complete red tower is intact and in its original assembled form. The original target-area requirements still apply when scoring the season mission Rebuild the towers.

Definition of upright

An extra tower top is upright when it stands vertically with its entire 4×4 base layer fully inside the opening at the top of the supporting tower. No part of this base layer may rest on the rim or extend outside the opening.

When the extra tower tops are stacked, the same definition applies between them: the entire 4×4 base layer of the upper extra top must be fully inside the blue crown opening of the lower extra top. The lower extra top must also meet the upright definition on the complete yellow or red tower.

The extra tops and the supporting tower must be intact, and the complete assembly must stand without support from the robot. An extra top with its base only partly inside the opening, balanced on the rim or lying on its side does not score.

Scoring

Condition at the end of the run	Each	Max.
Extra tower top upright and correctly placed directly on a complete yellow or red tower.	25	50
Upper extra tower top upright and correctly placed on the other extra top, which is correctly placed on a complete yellow or red tower.	35	35

Each extra top is scored once. In a valid stack, the lower extra top earns 25 points and the upper extra top earns 35 points, for a total of 60. The 35 points replace the upper top's 25 points; they are not an additional bonus.

Scoring examples

Final arrangement	Extra-task points
One extra top correctly placed on a complete yellow or red tower.	25
The two extra tops correctly placed on two separate complete towers.	50
The two extra tops correctly stacked on one complete yellow or red tower.	60
Extra top not upright, or placed on an incomplete supporting tower.	0 for that top

Maximum extra-task score: 60 points.

Maximum score including the season missions: 290 points.

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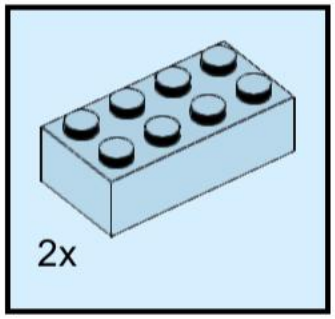
4. Scoring Sheet

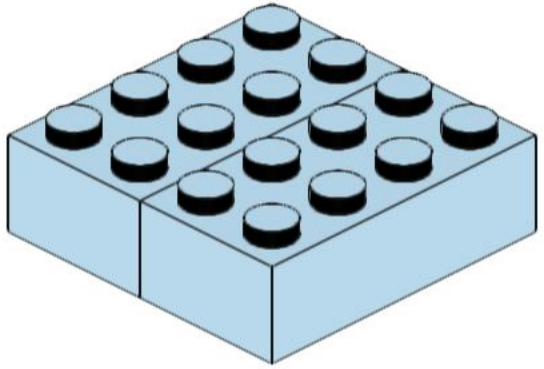
Team name: _____ **Round: _____**

Tasks	Each	Max.	#	Total
1. Show the visitors around				
Visitor is completely in the corresponding-coloured area and upright.	**10**	**40**		
Visitor is partly in the corresponding-coloured area or not upright.	5			
2. Rebuild the towers				
Red tower is completely in the red target area (including orange border) and upright.	**15**	**30**		
Red tower is partly in the red target area (including orange border) and upright.	10			
Yellow tower top correctly placed on tower base and tower base still completely in yellow target area (including orange border)	**25**	**50**		
Yellow tower top correctly placed on tower base and tower base but only partly in yellow target area (including orange border)	15			
3. Bring the artefacts in the museum				
Artefact is completely in corresponding-coloured exhibition spot in the museum and upright	**15**	**60**		
Artefact is partly in corresponding-coloured exhibition spot in the museum or not upright	5			
4. Clear the cobblestone of dirt				
Dirt particle is not touching the cobblestone area	**2**	**20**		
5. Bonus points				
Barrier is not damaged or moved	**10**	**20**		
Parrot is not damaged or moved	**10**	**10**		
5. Extra task				
Extra tower top upright and correctly placed directly on a complete yellow or red tower.	**25**	**50**		
Upper extra tower top upright and correctly placed on the other extra top, which is correctly placed on a complete yellow or red tower.	**35**	**35**		
Maximum Score		**290**		
			Total Score in this run	
			Time in full seconds	

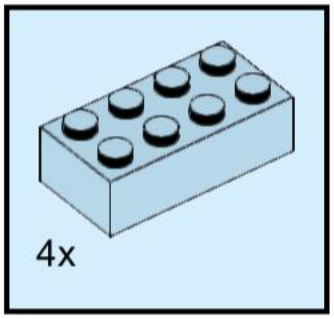
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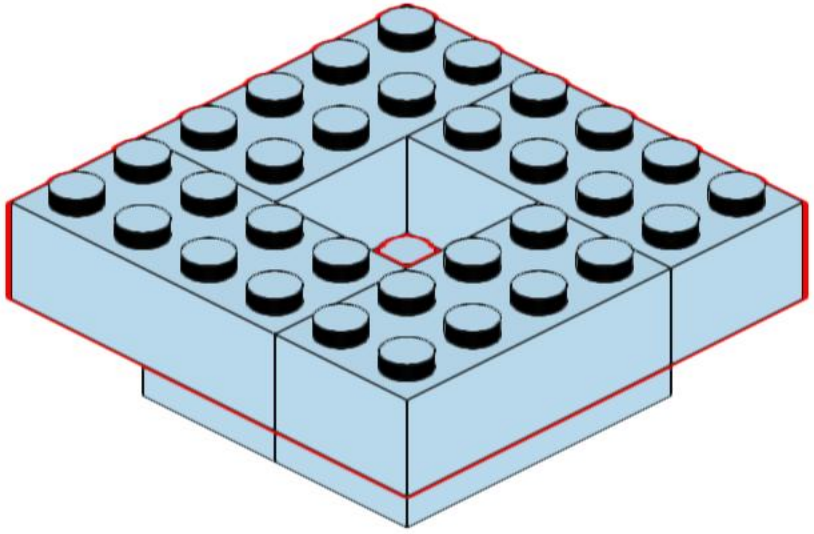
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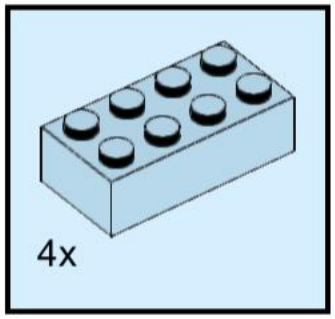


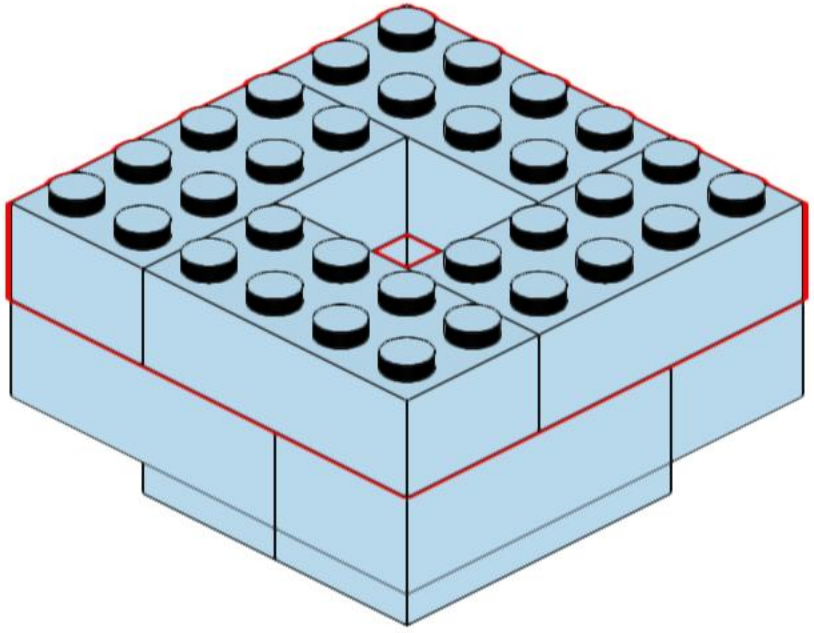
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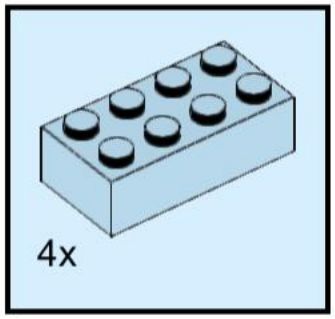


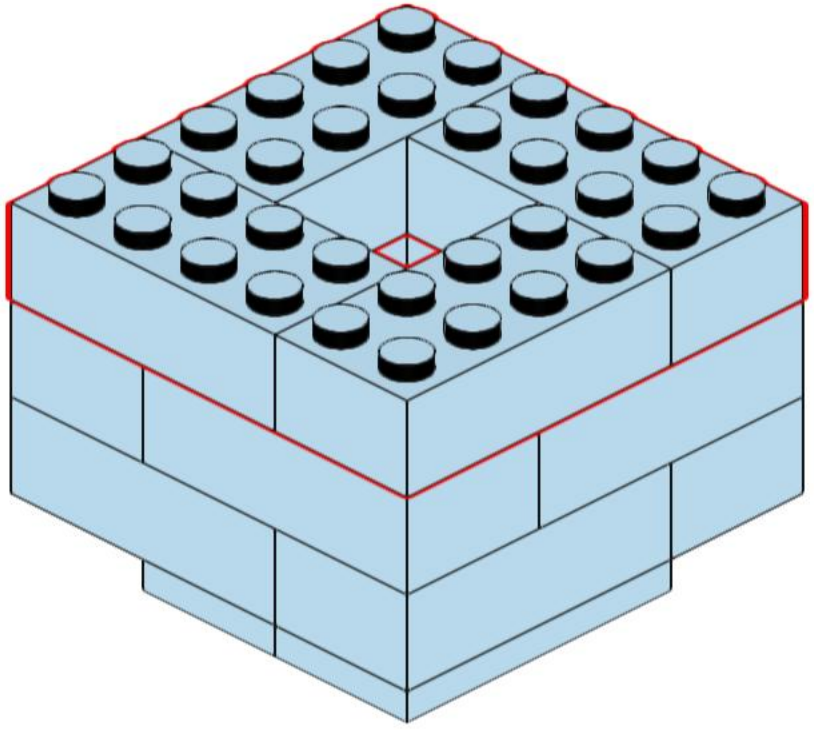
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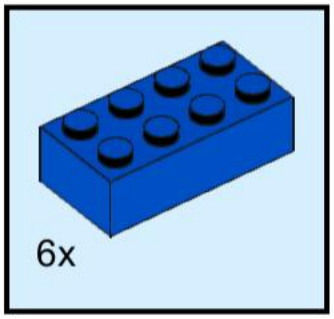


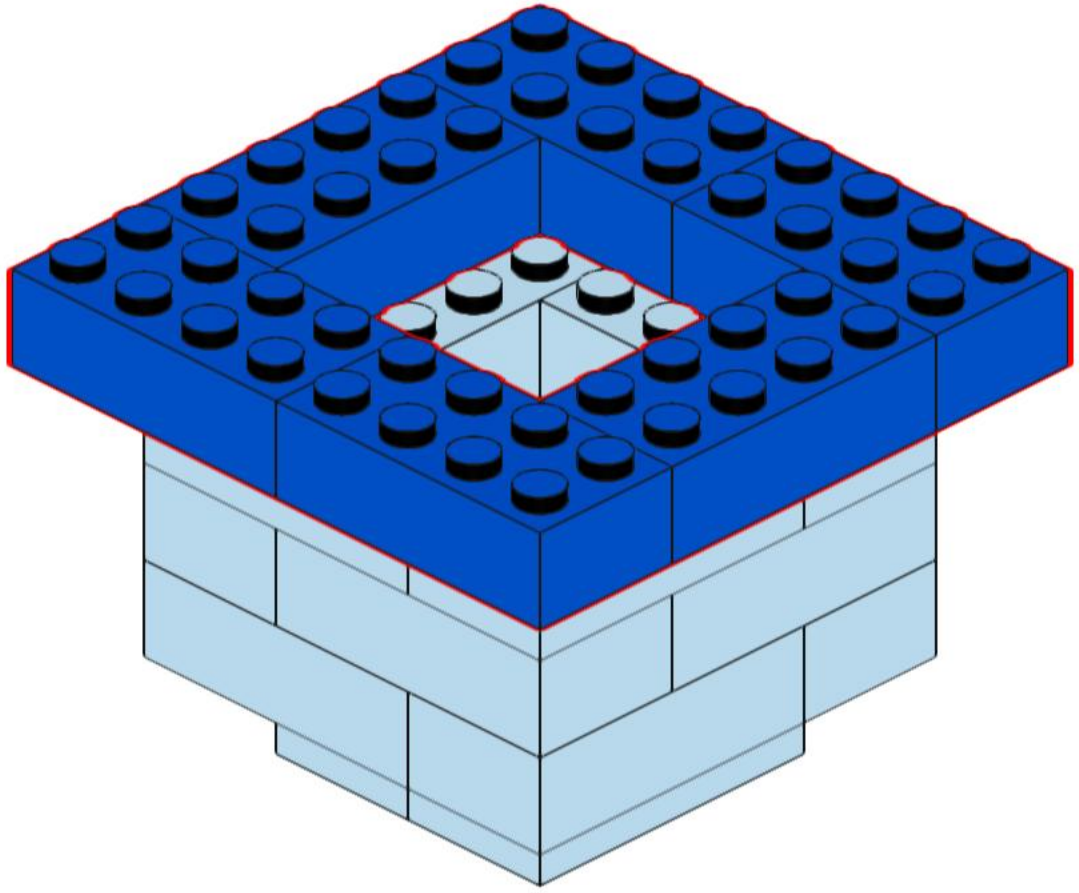
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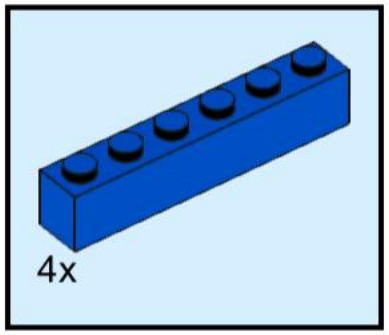


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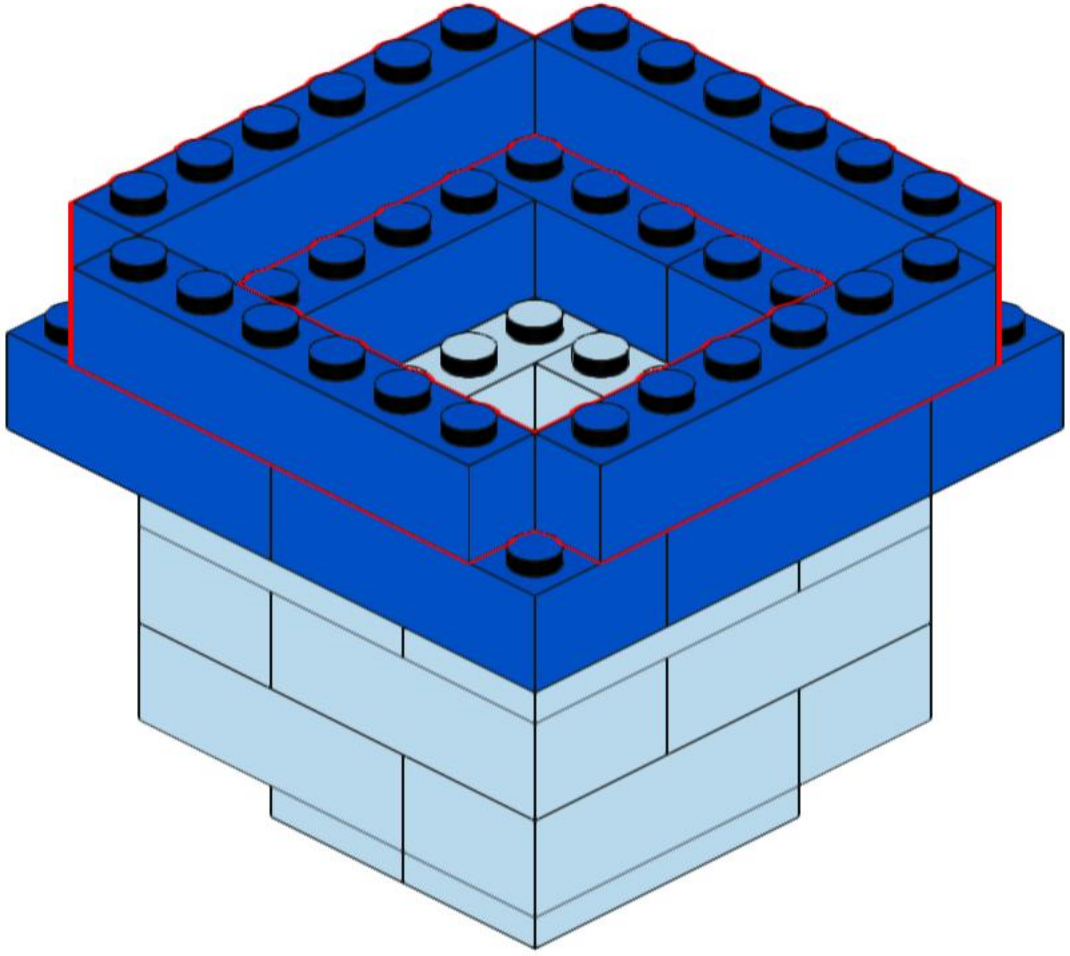




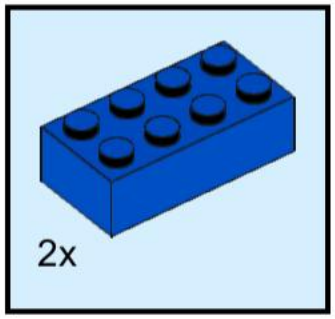
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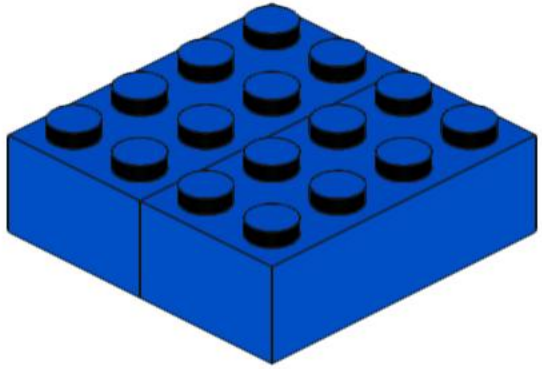


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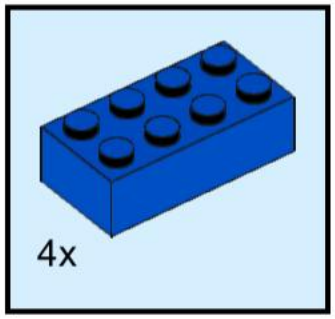


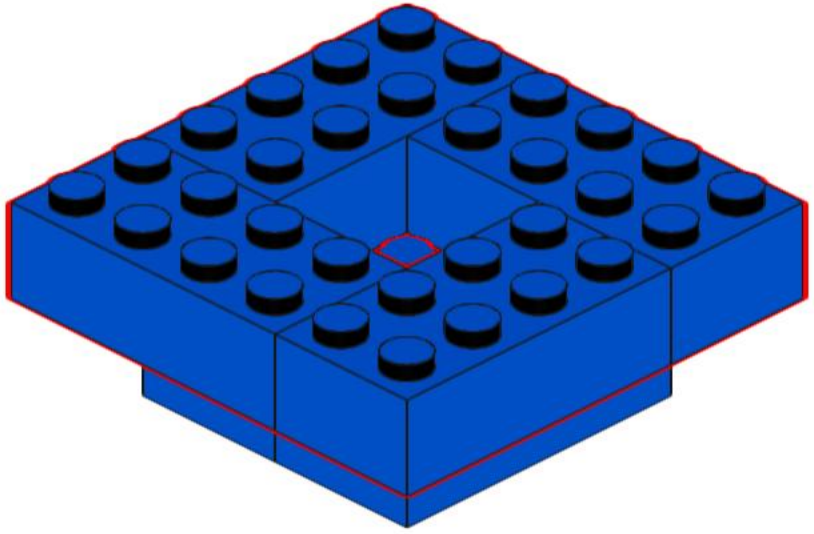
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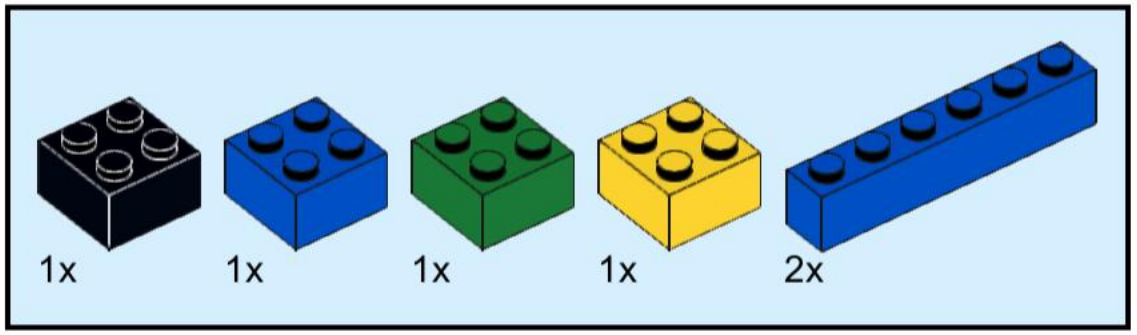


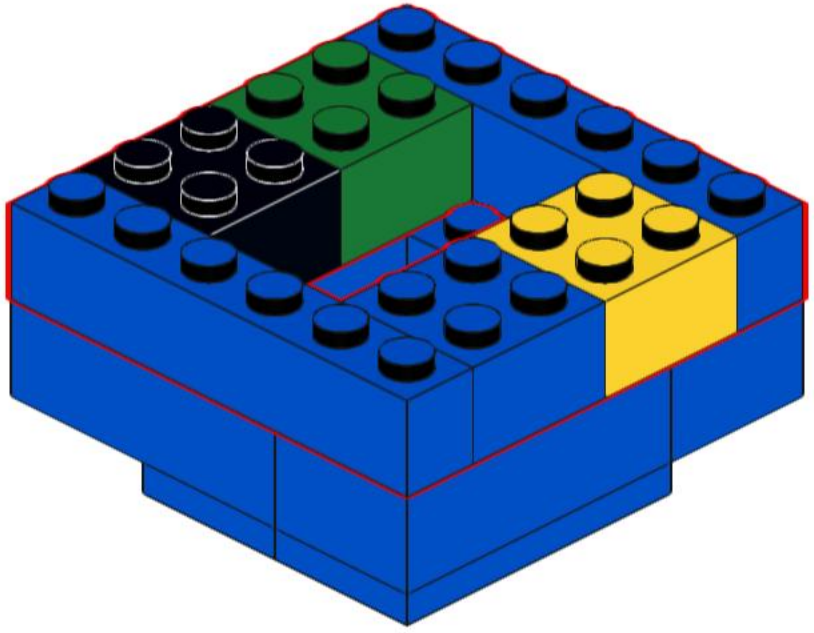
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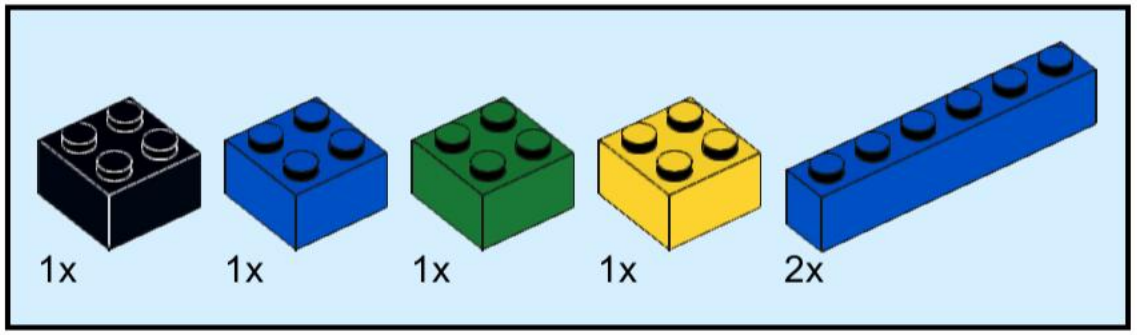


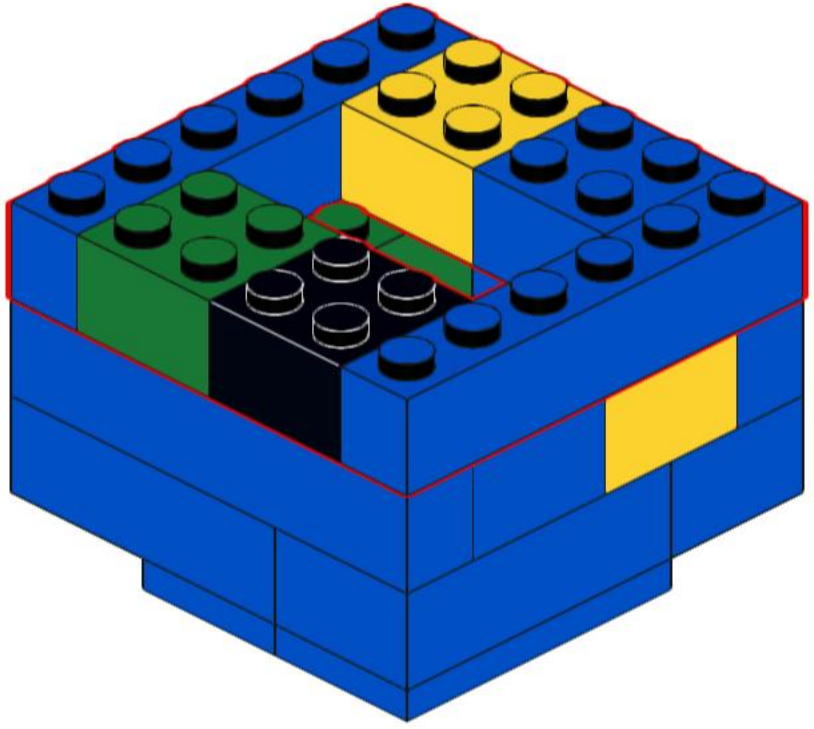
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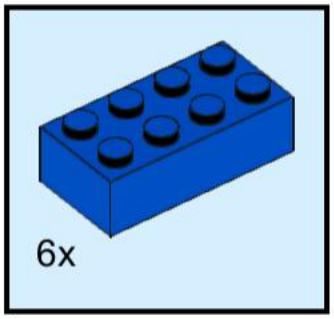


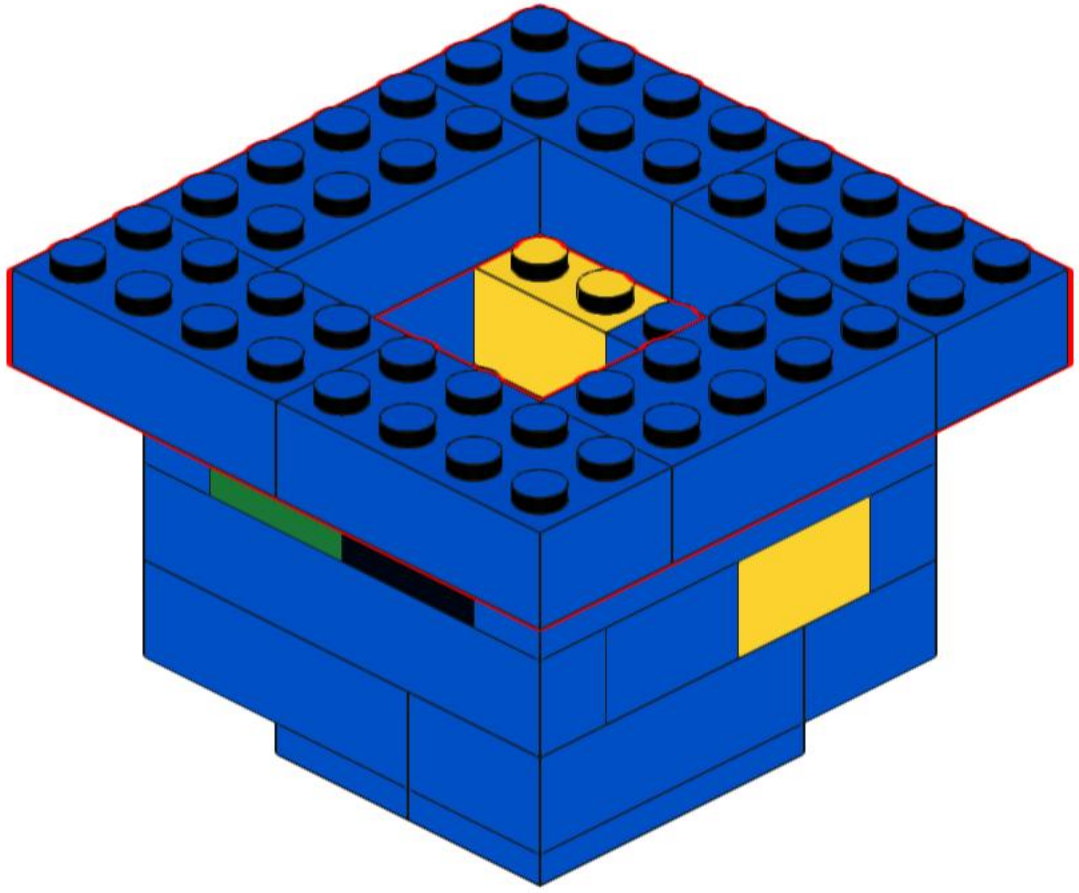
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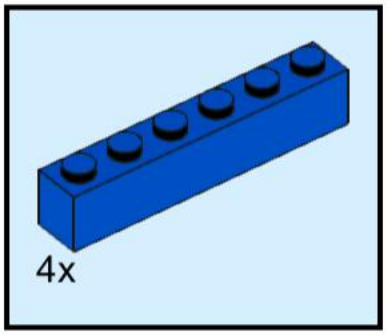


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