WRO®

WORLD ROBOT OLYMPIAD ™

# RoboMission Junior 2024

Building Instructions

EARTH ALLIES
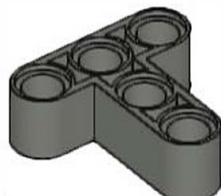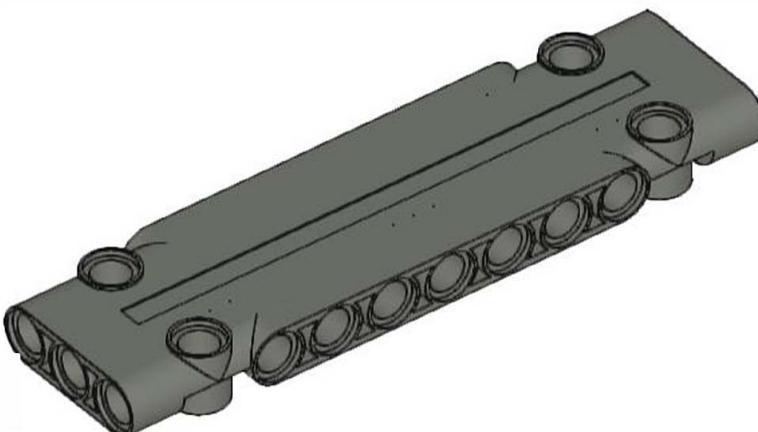
6x
3069b
Black
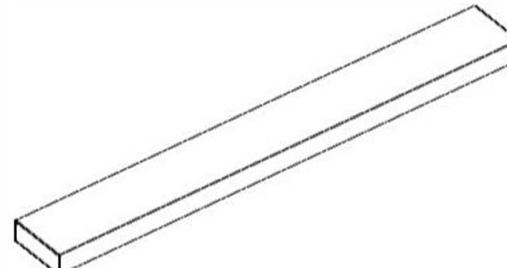
12x
2780
Black
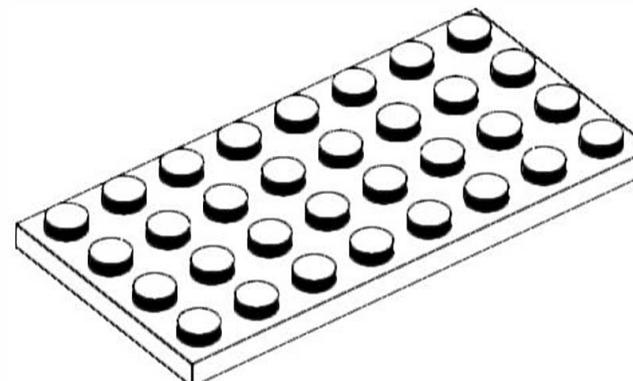
8x
60484
Dark Bluish Gray
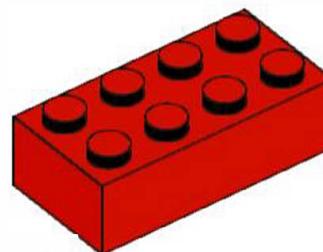
4x
15458
Dark Bluish Gray
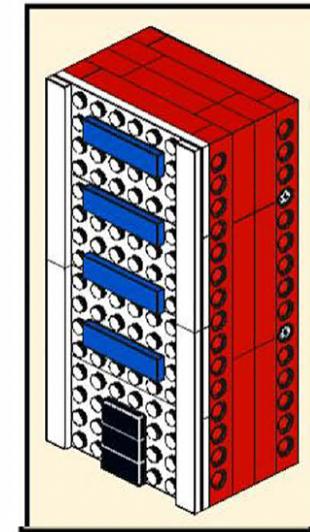
**8x**
**4162**
White
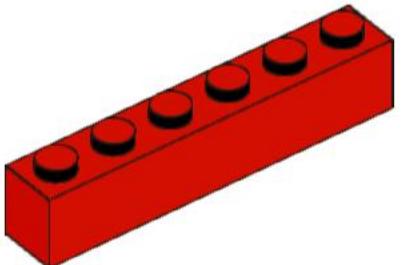
8x
3035
White

12x
3001
Red
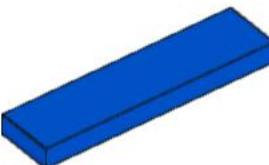
2x
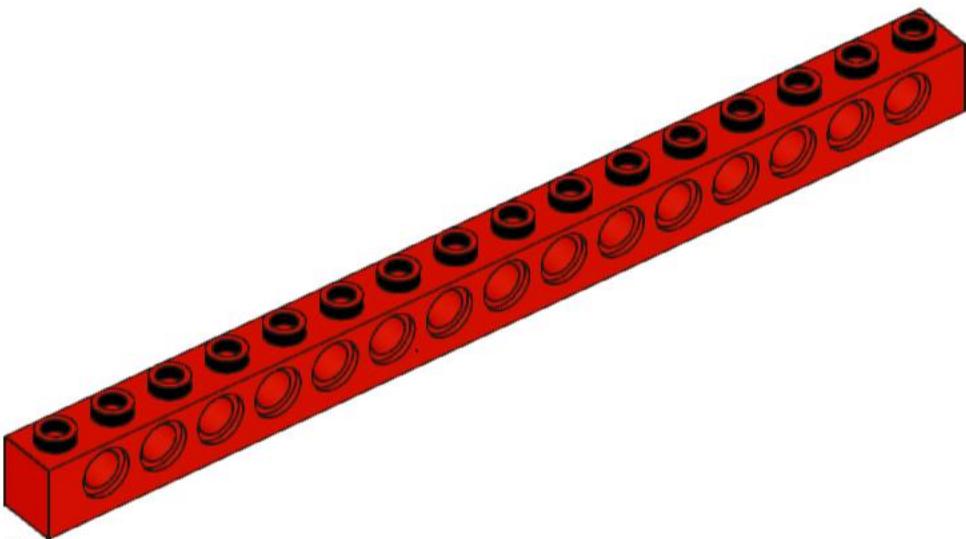
28x
3009
Red
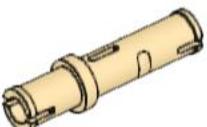
4x
6558
Blue

8x
2431
Blue

8x
3703
Red

4x
32556
Tan

1

1x

2x

2x

2

3x

3

2x

4

2x

2x

5

3x   1x

6

2x   2x

7

3x 1x

8

2x

9

2x   1x

10

1x

11

2x   1x   1x

12

2x   **1x**

13

1x   1x

14

15

1x

16

17

18

3x　　4x　　4x
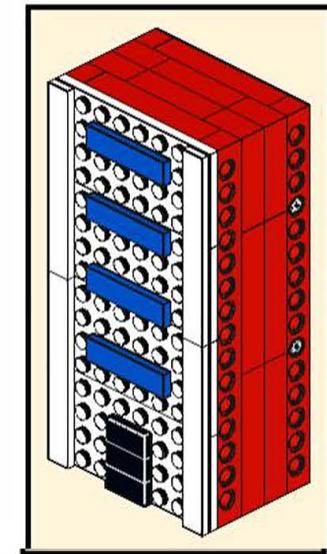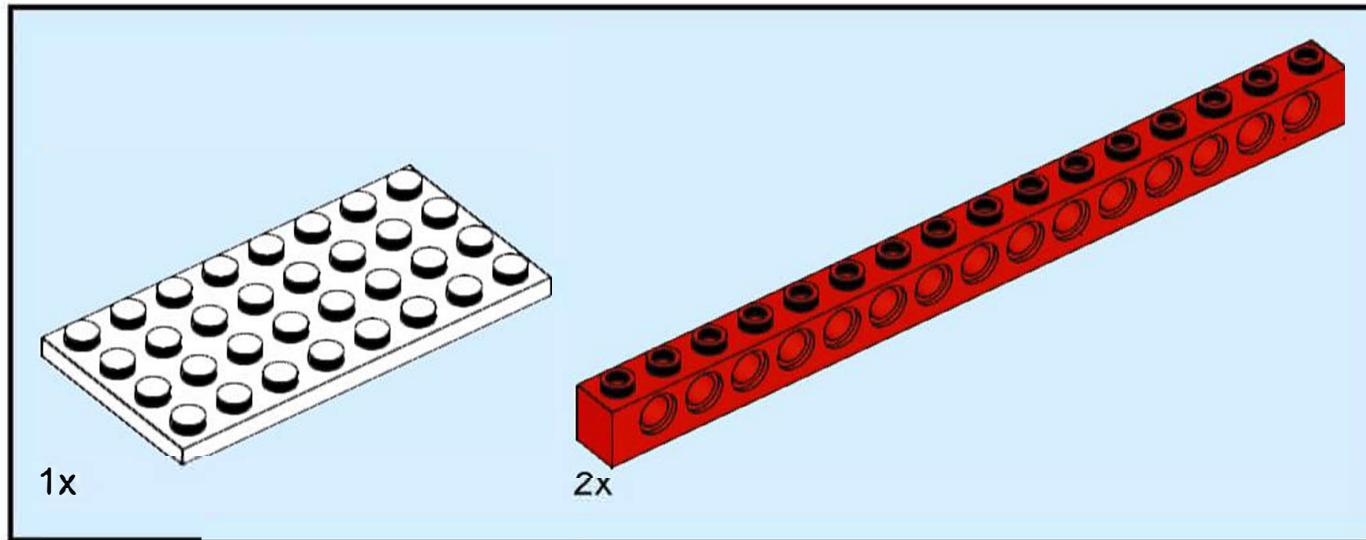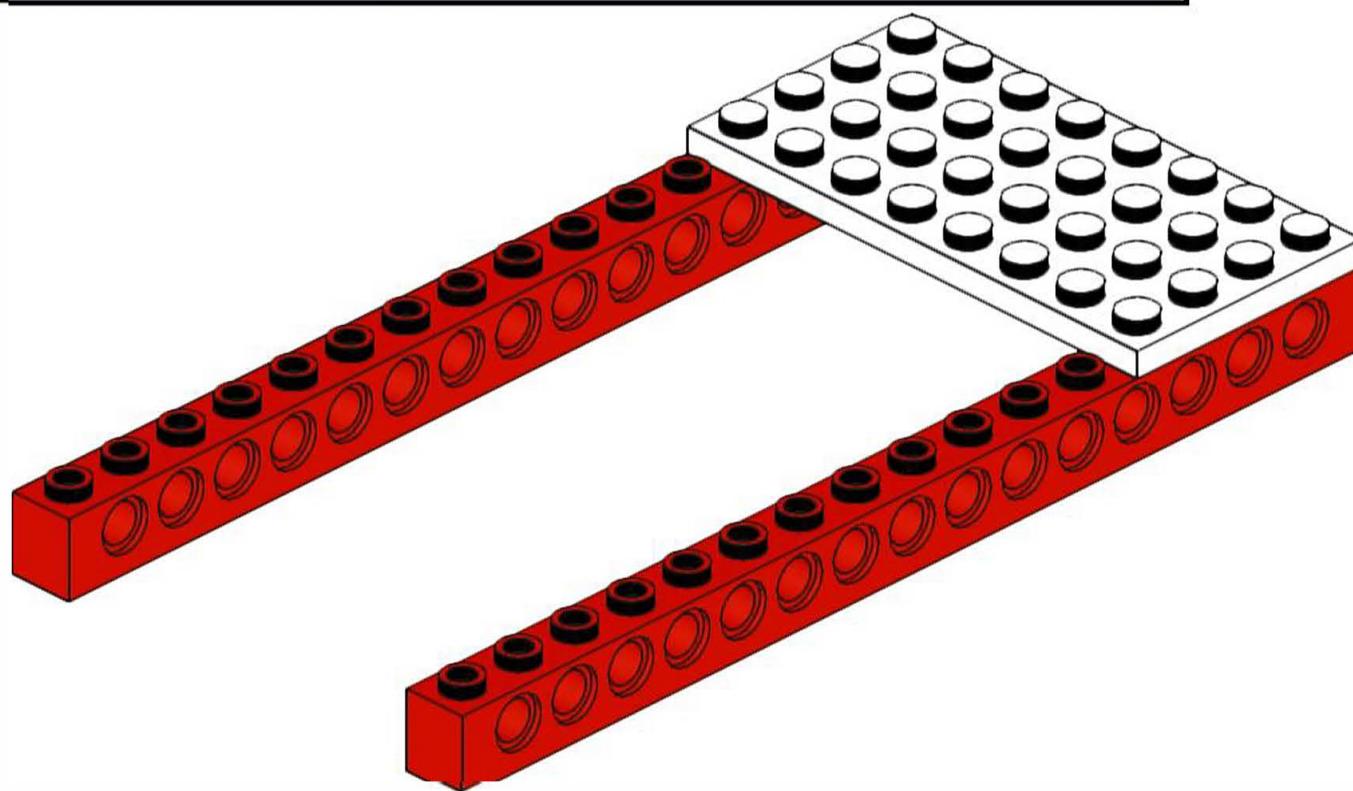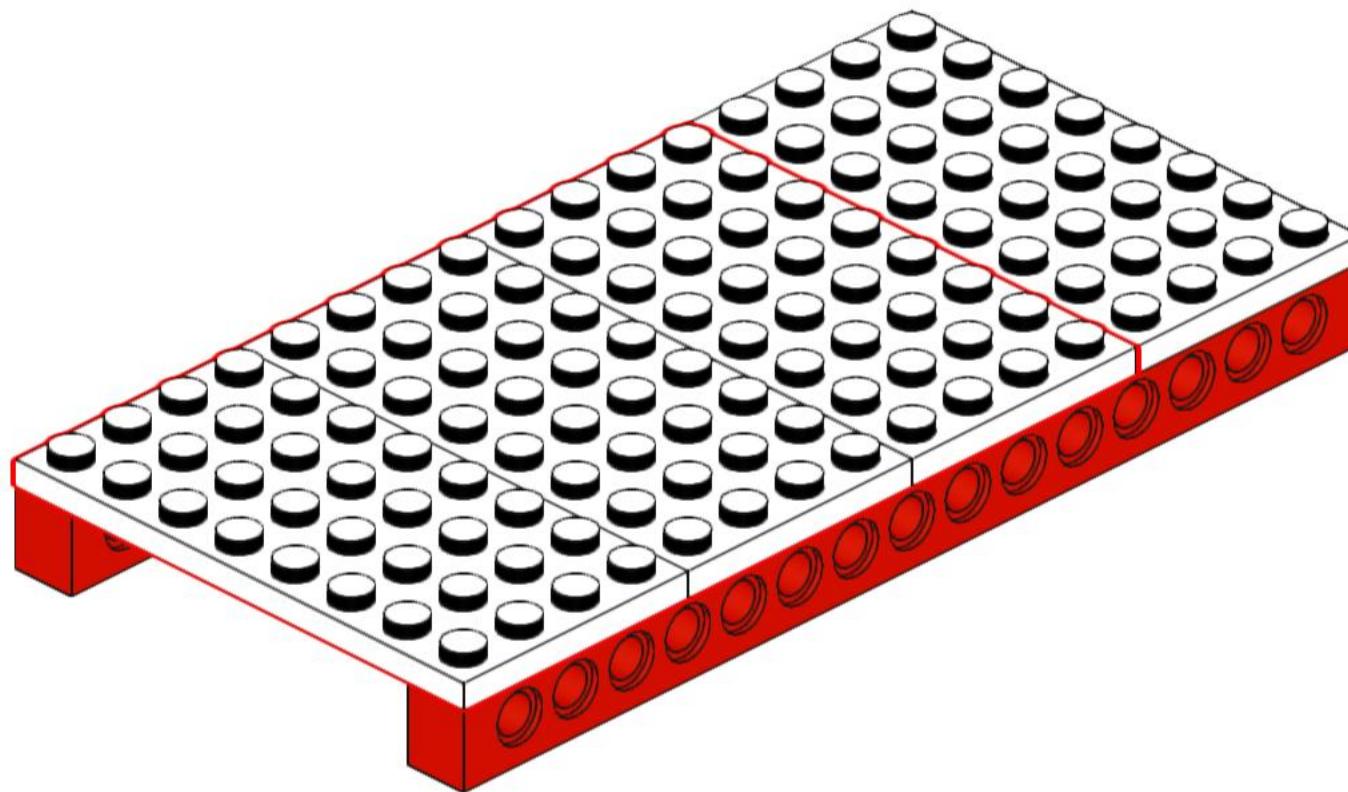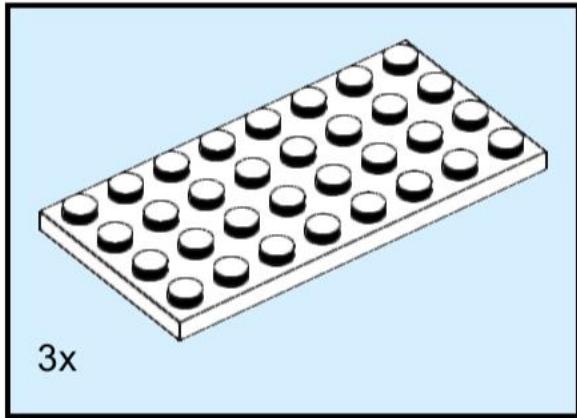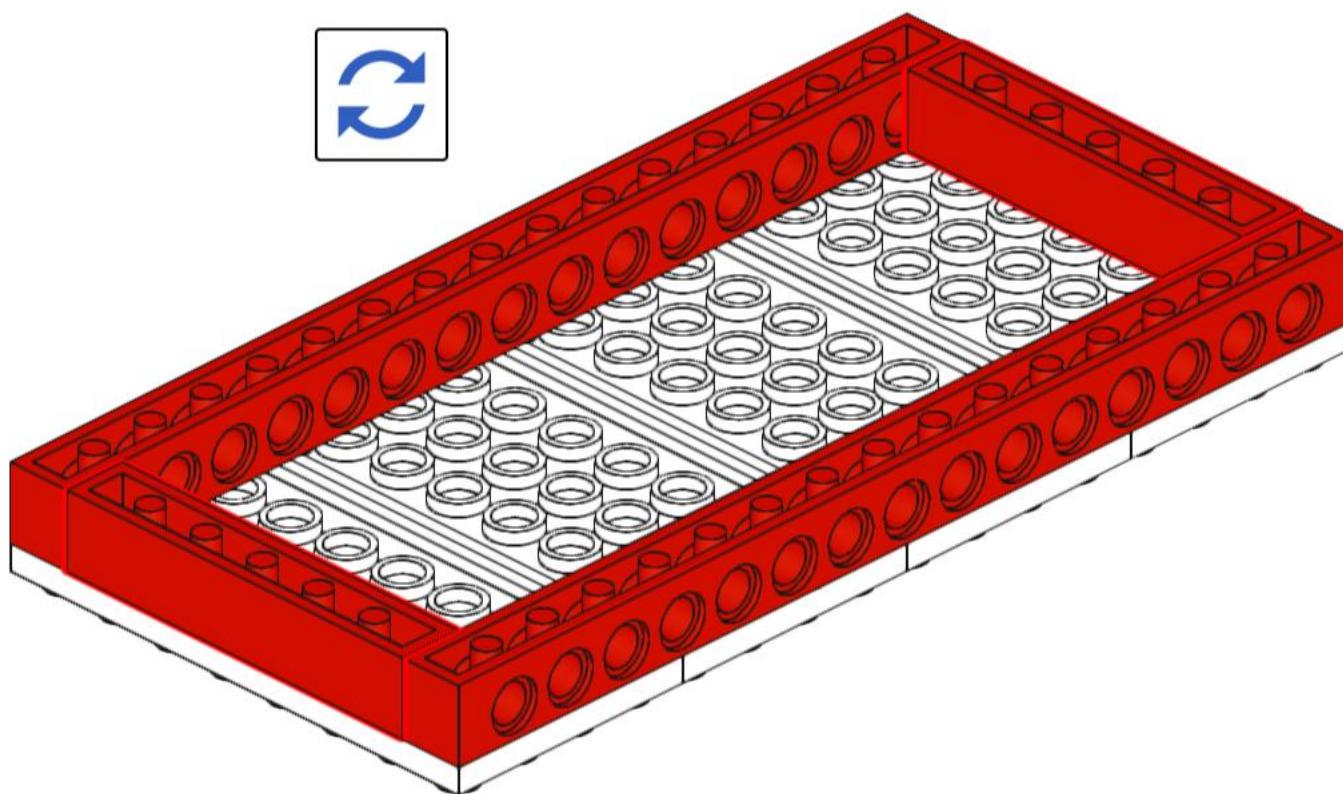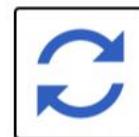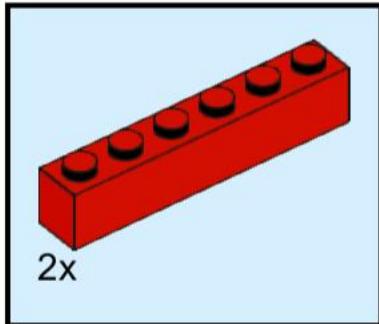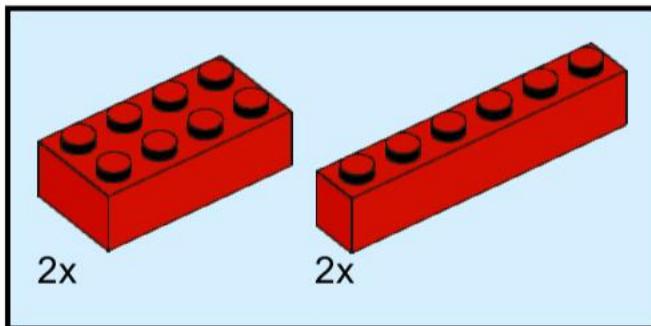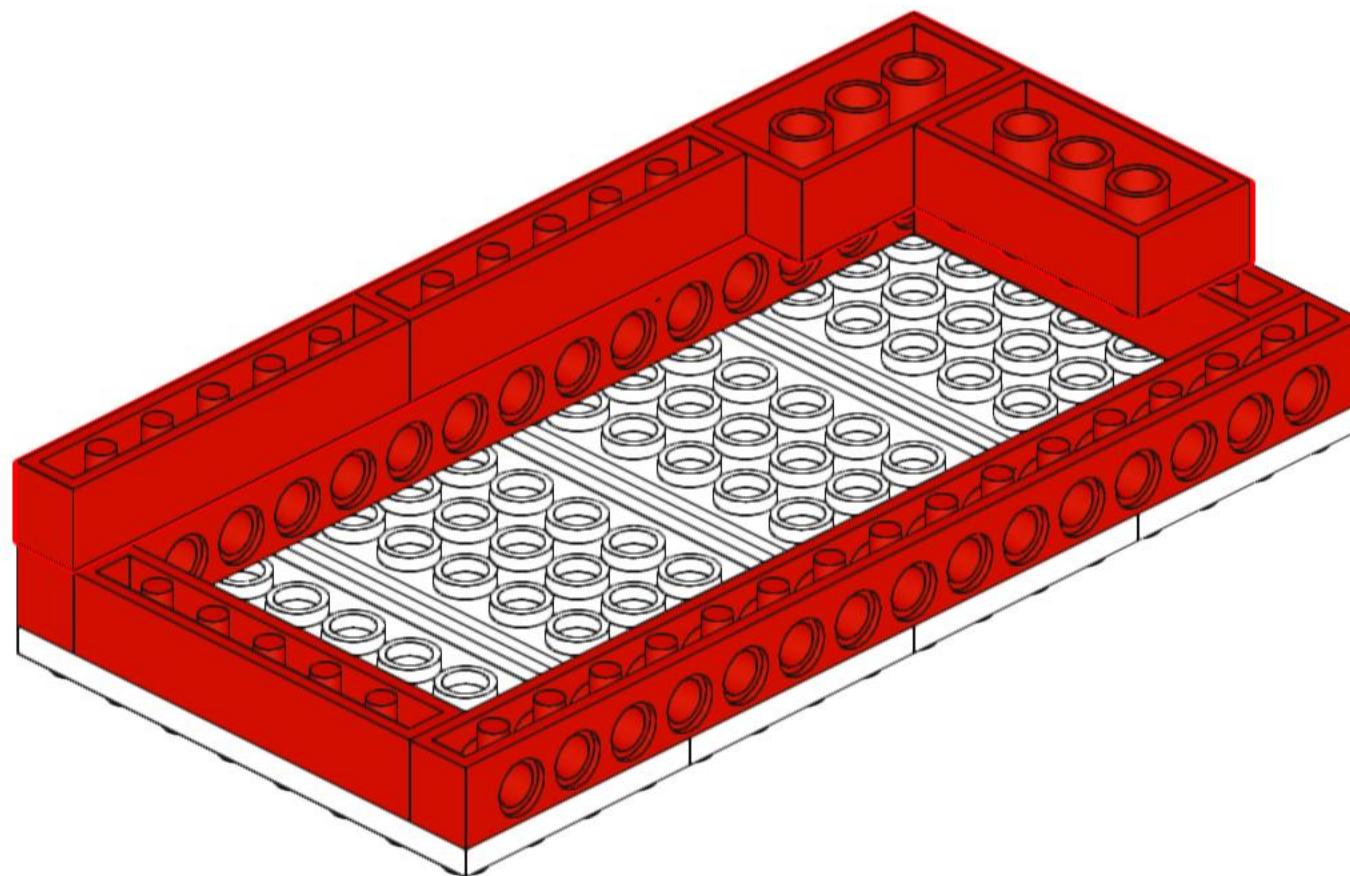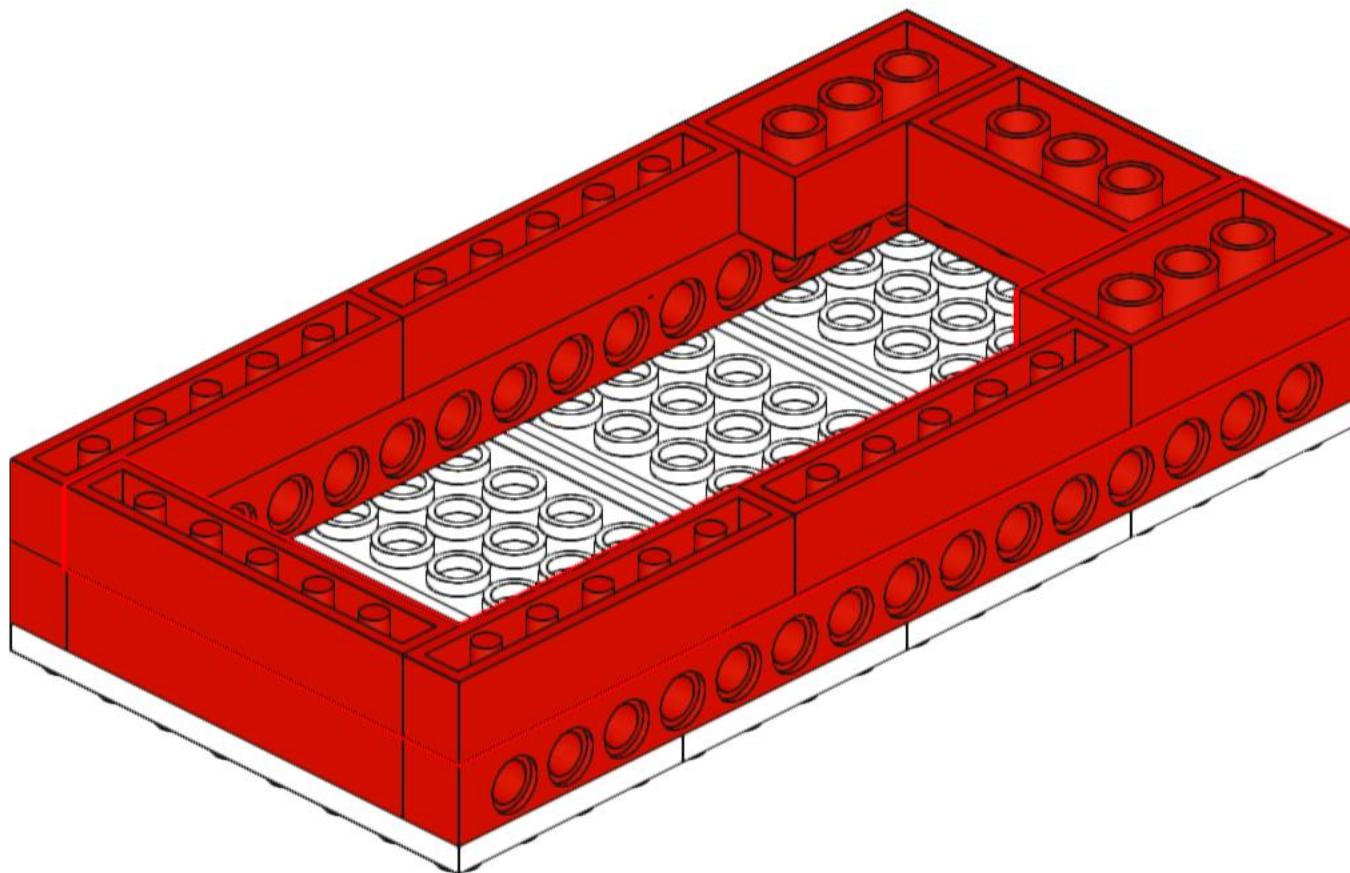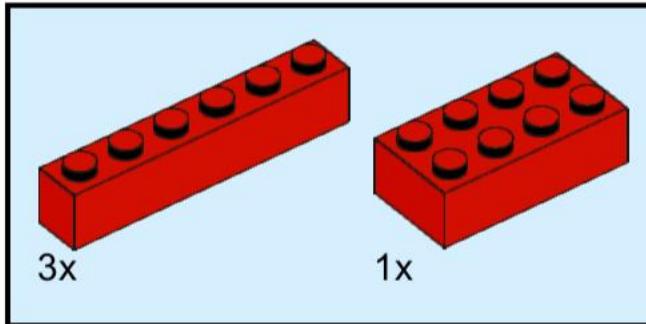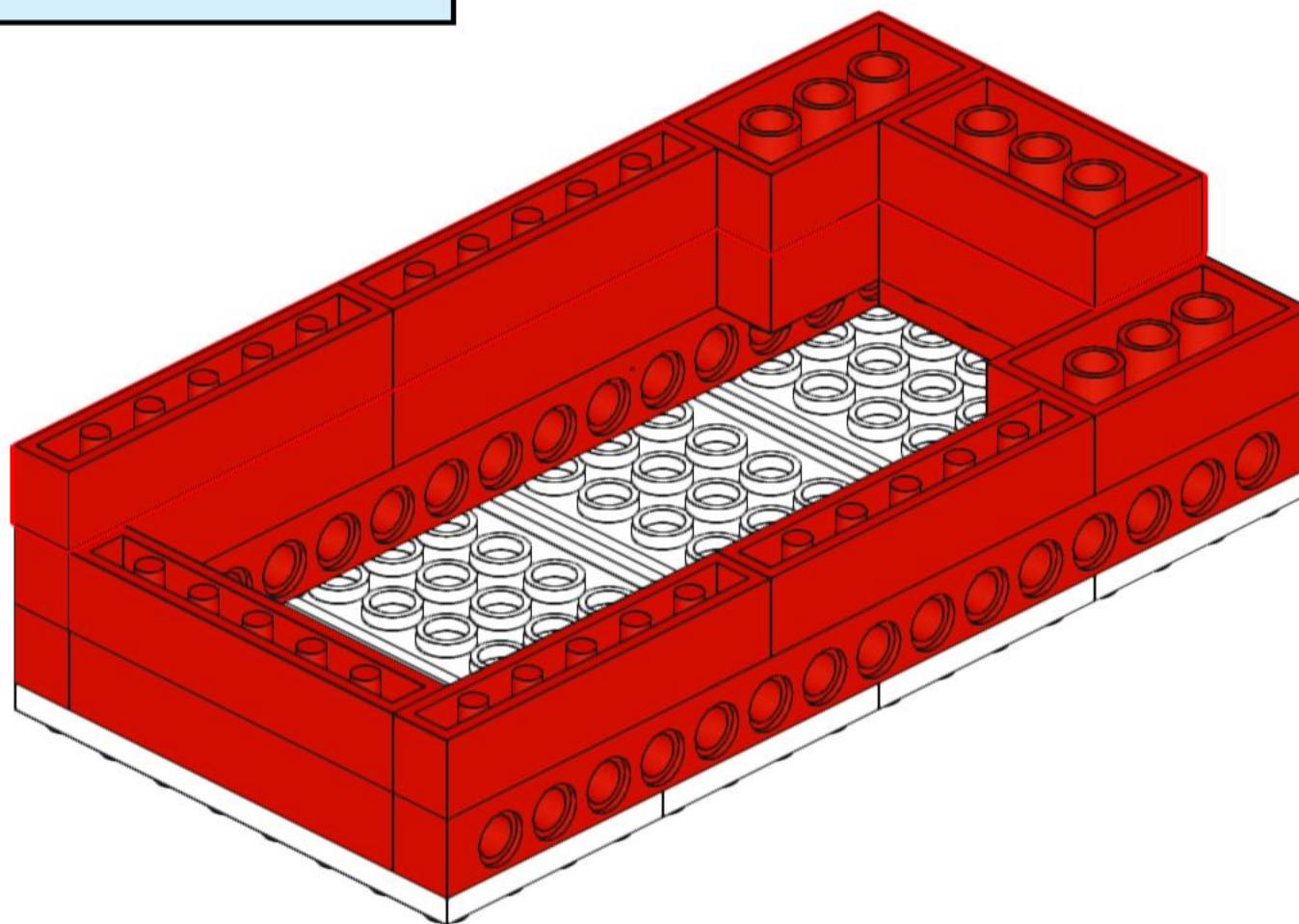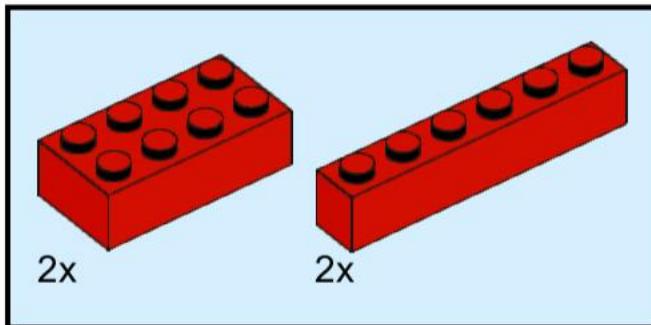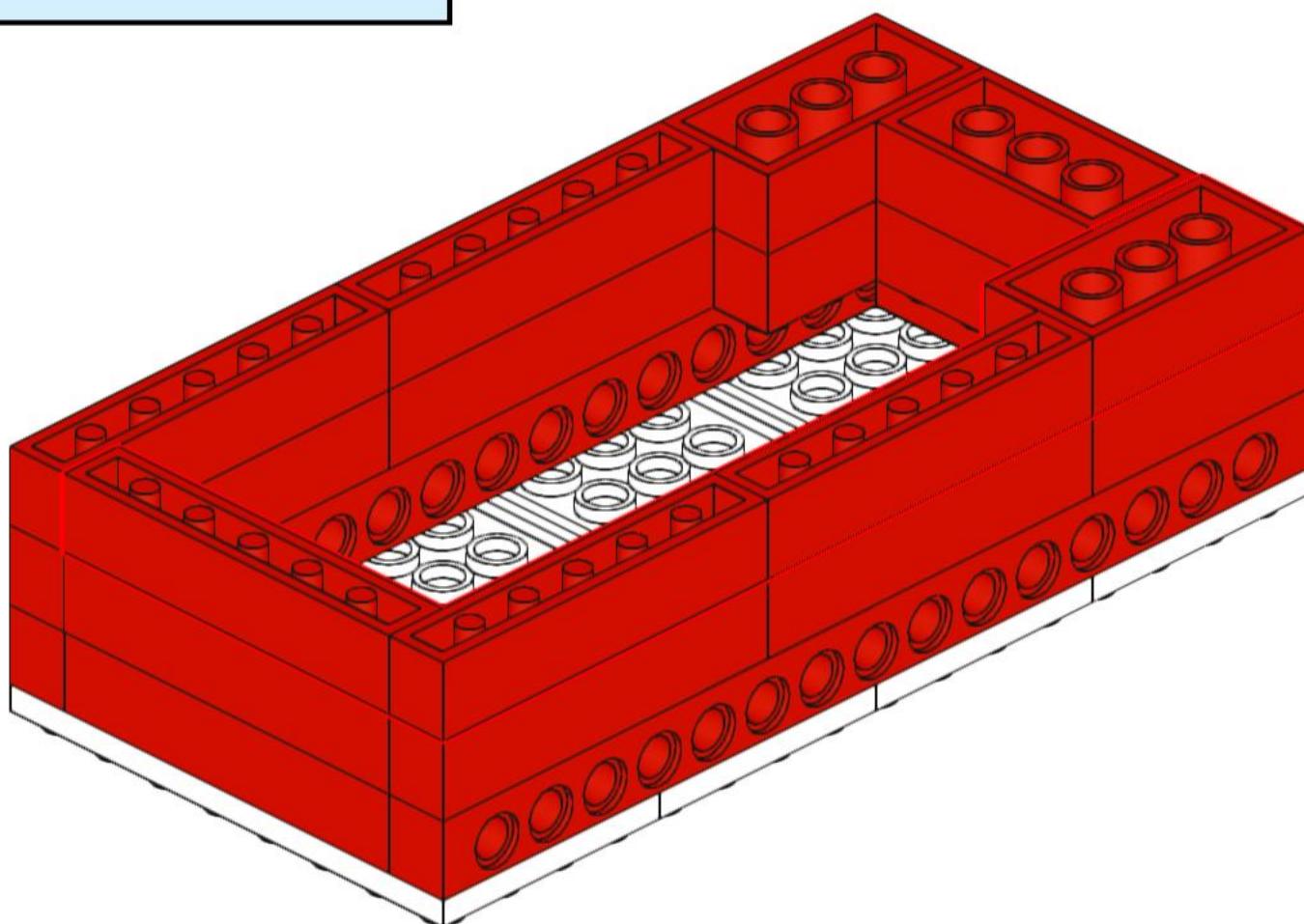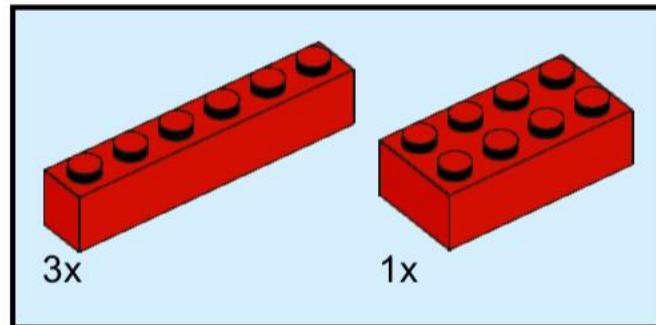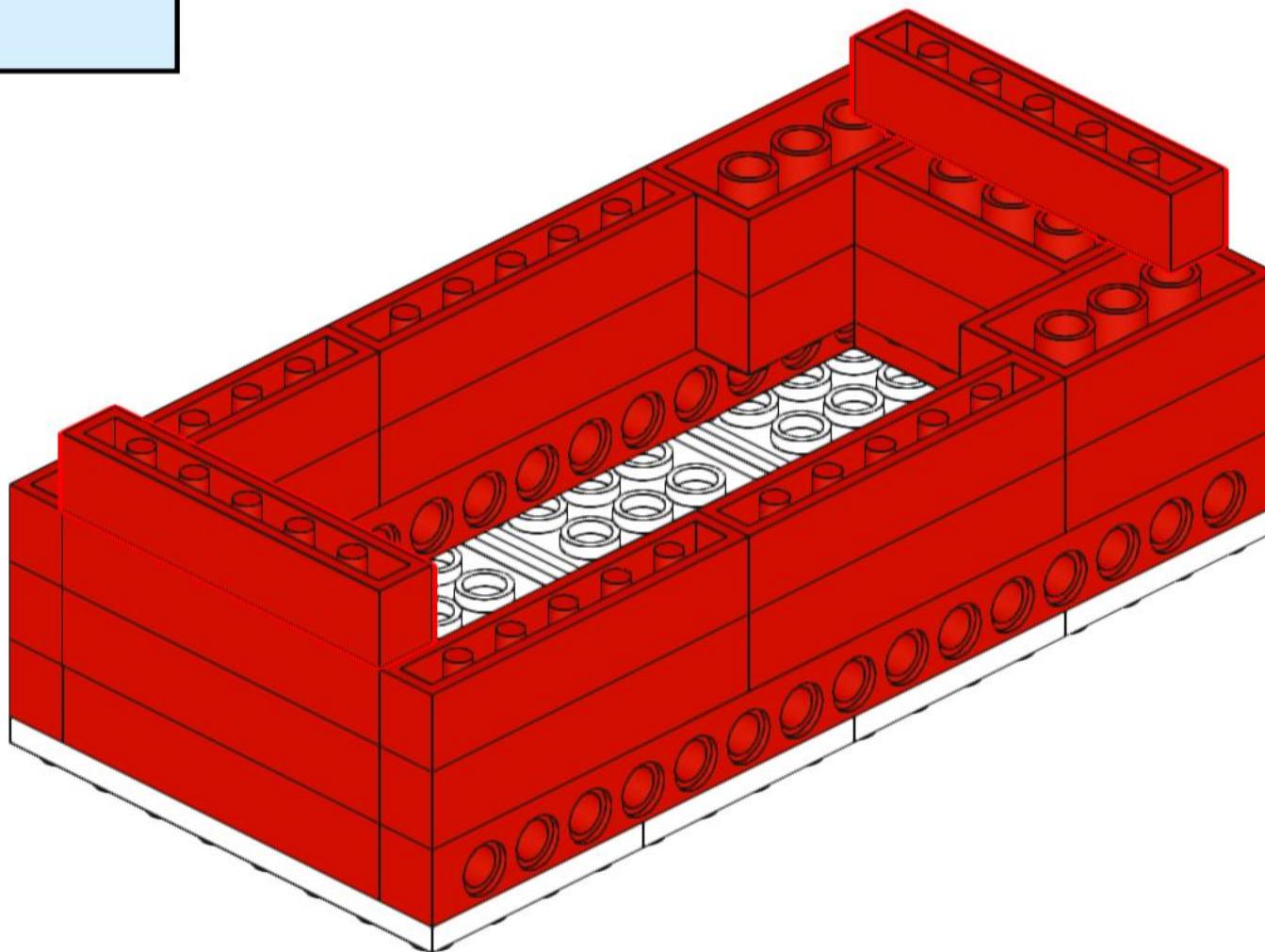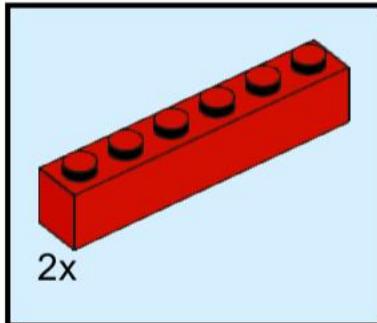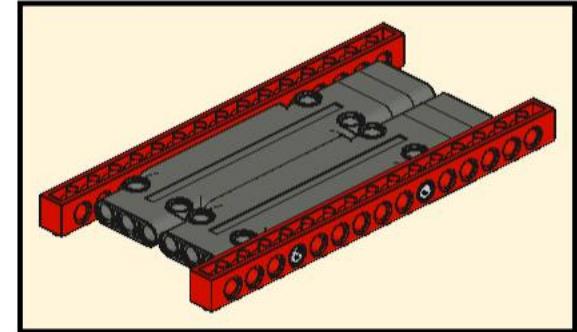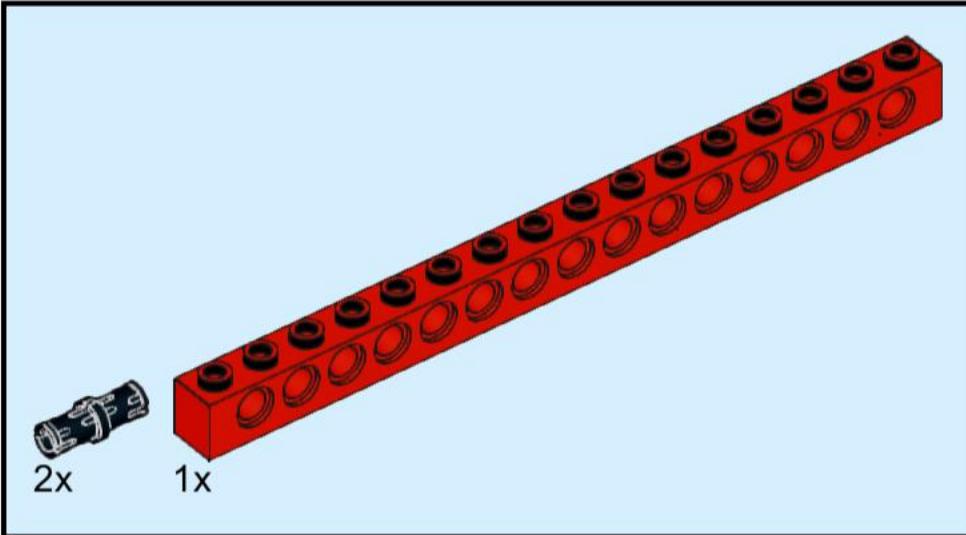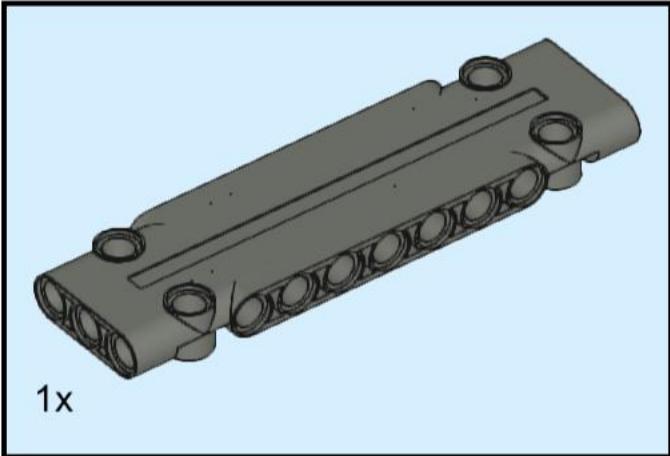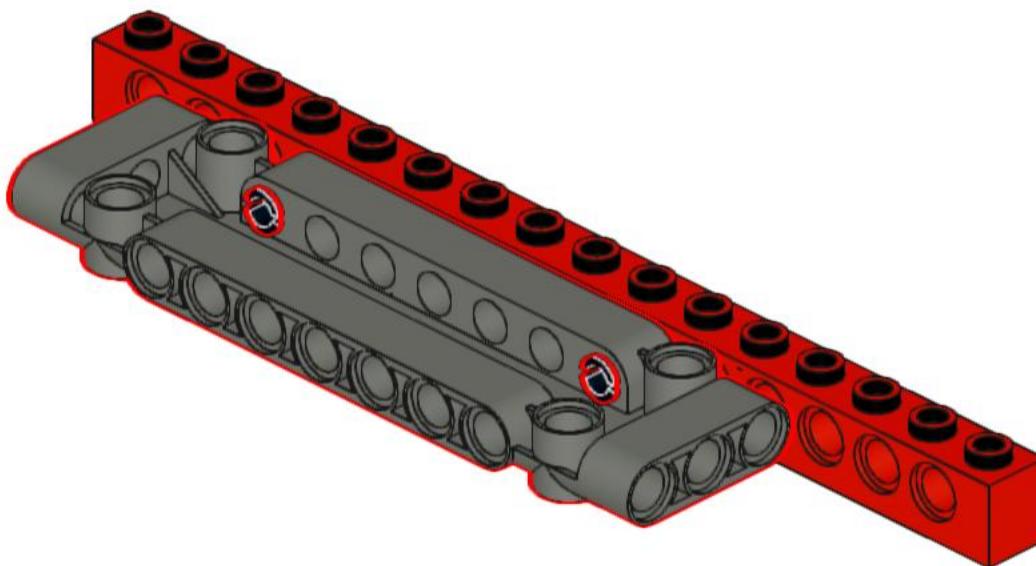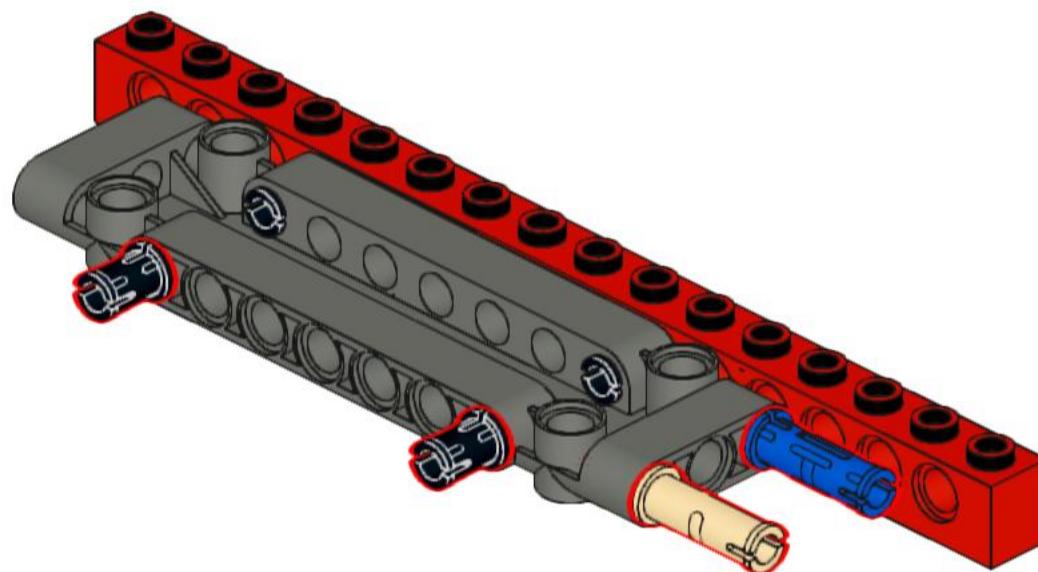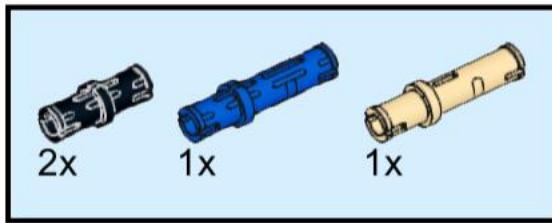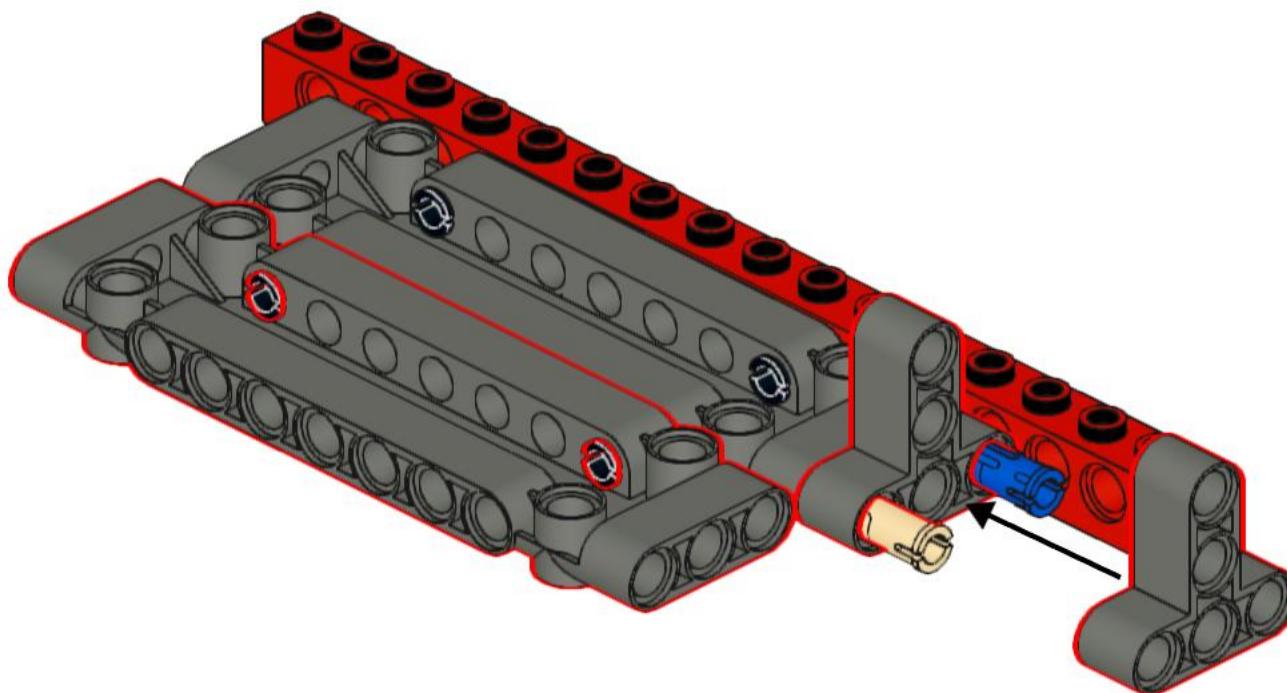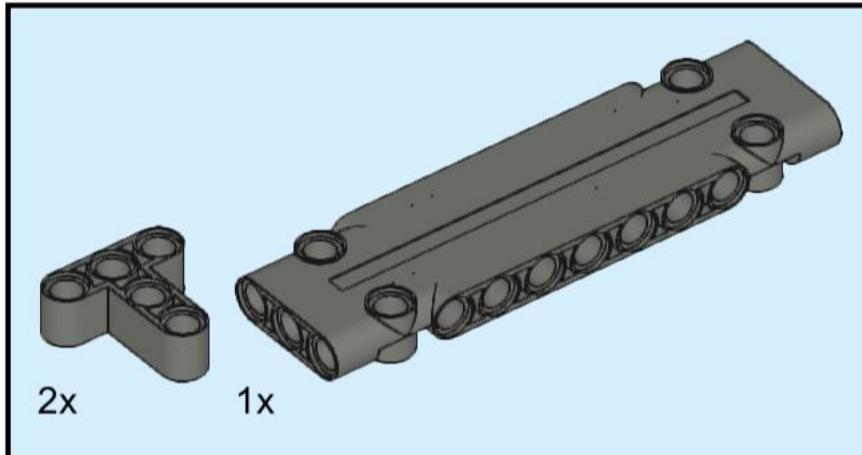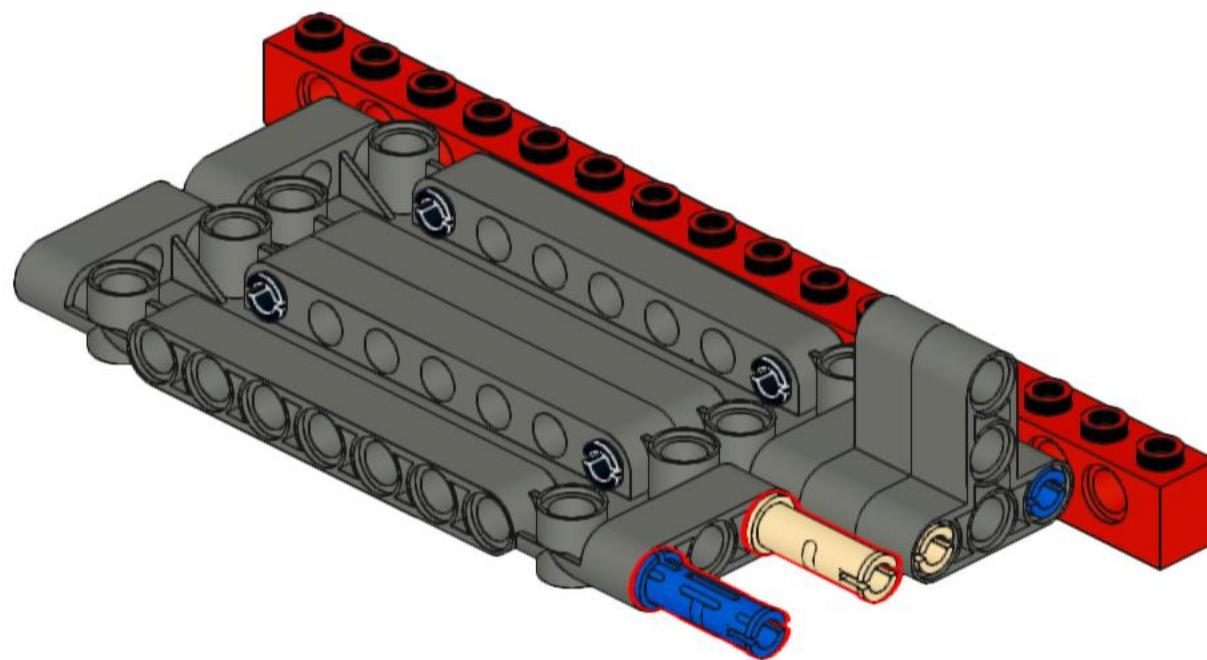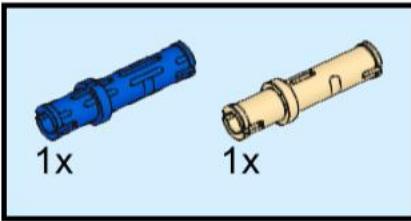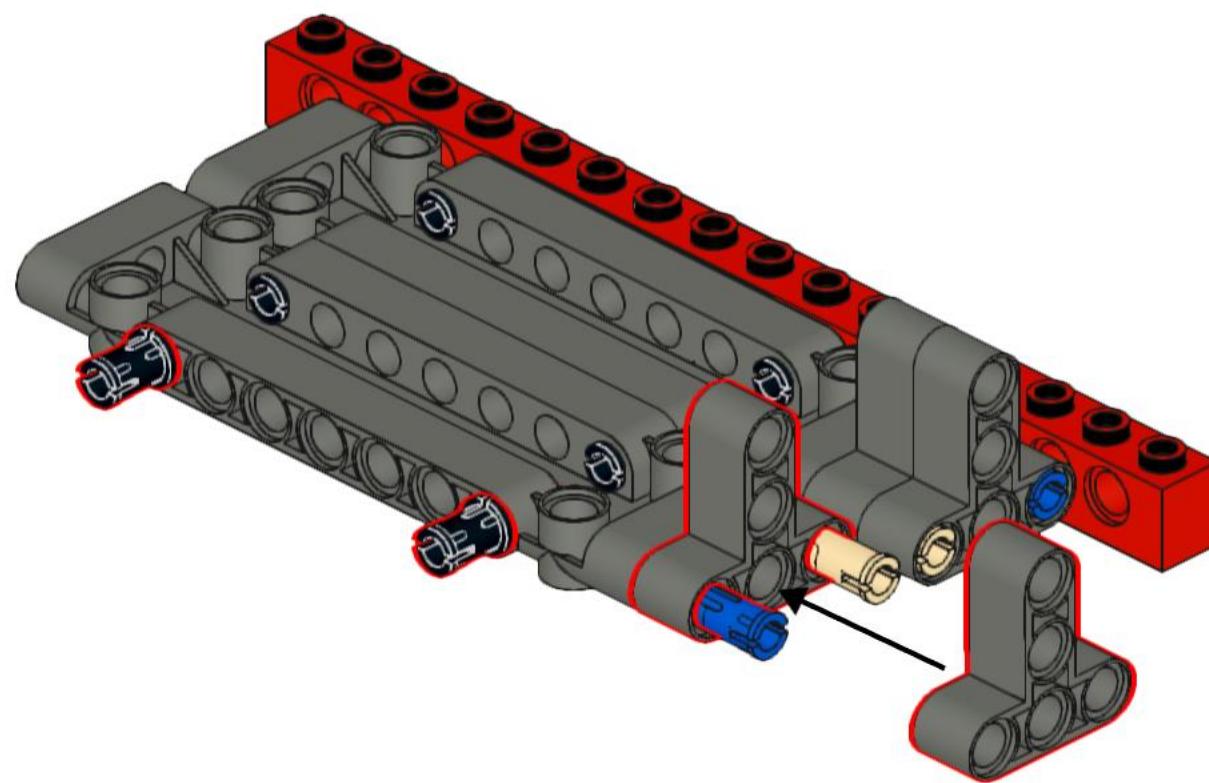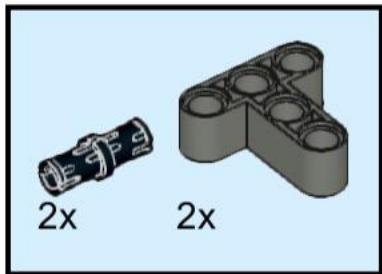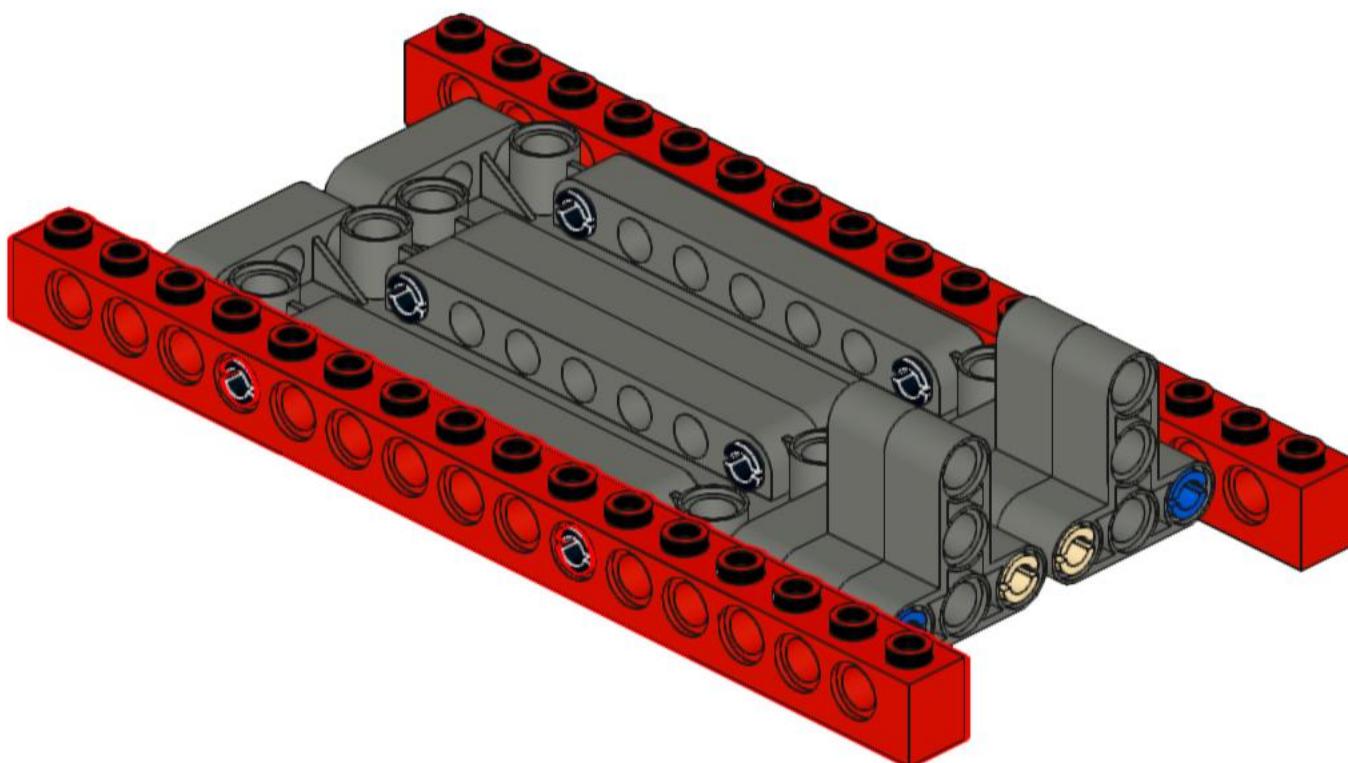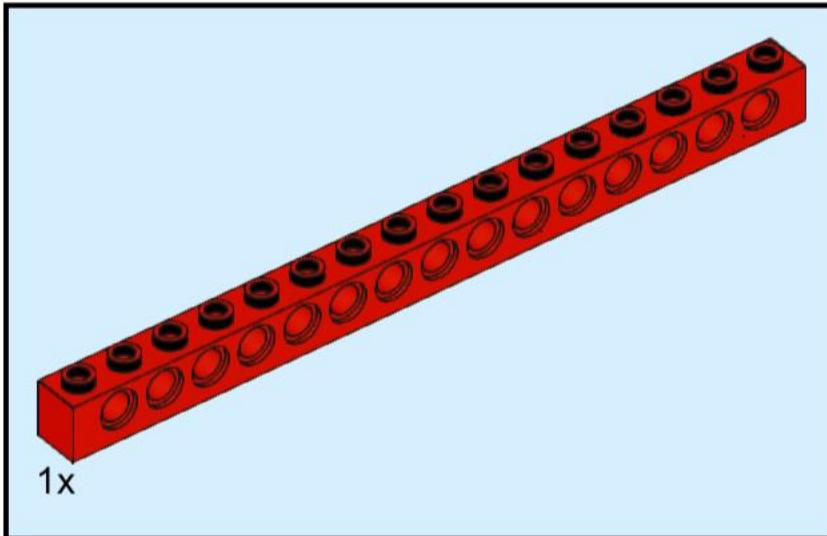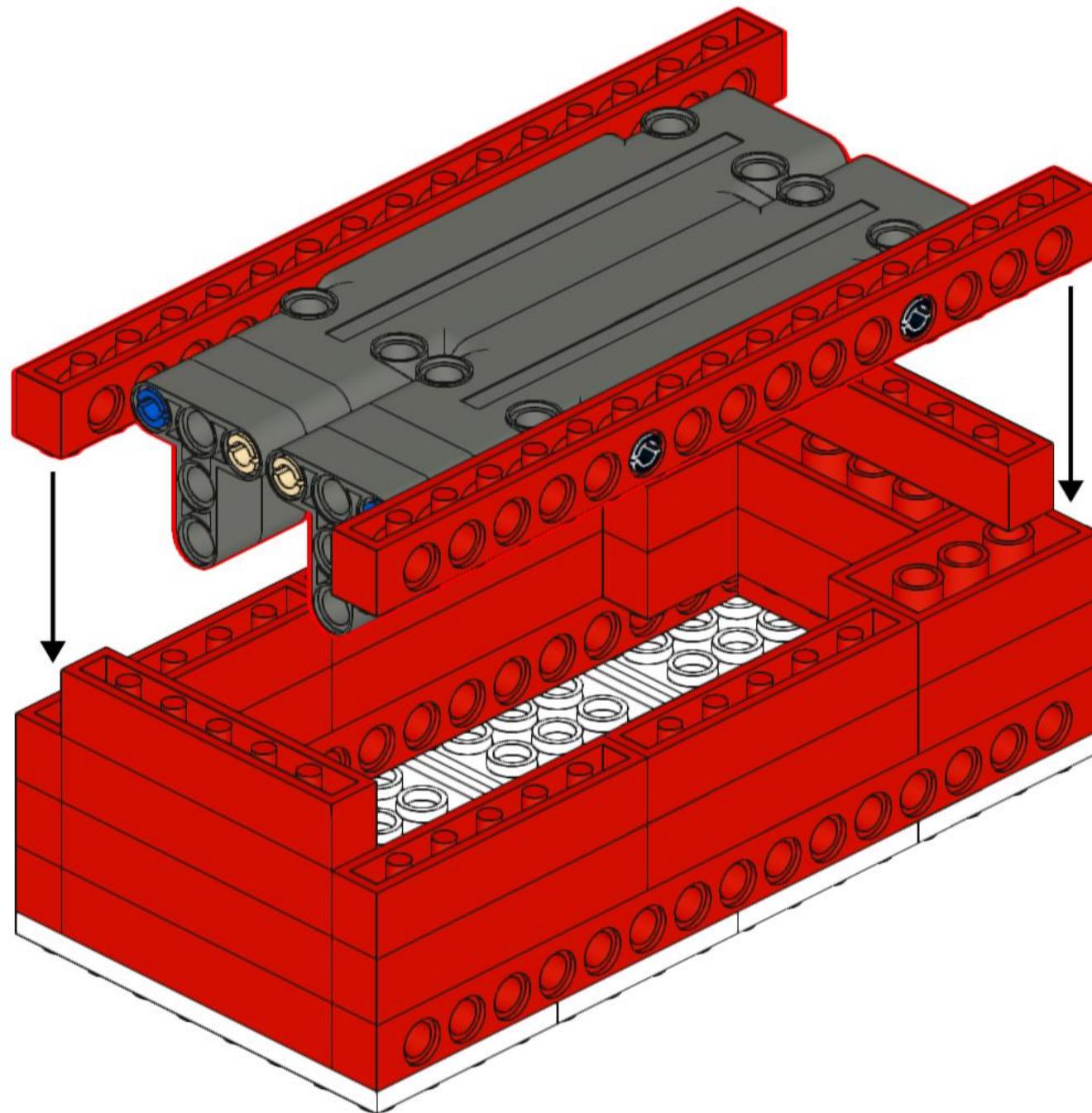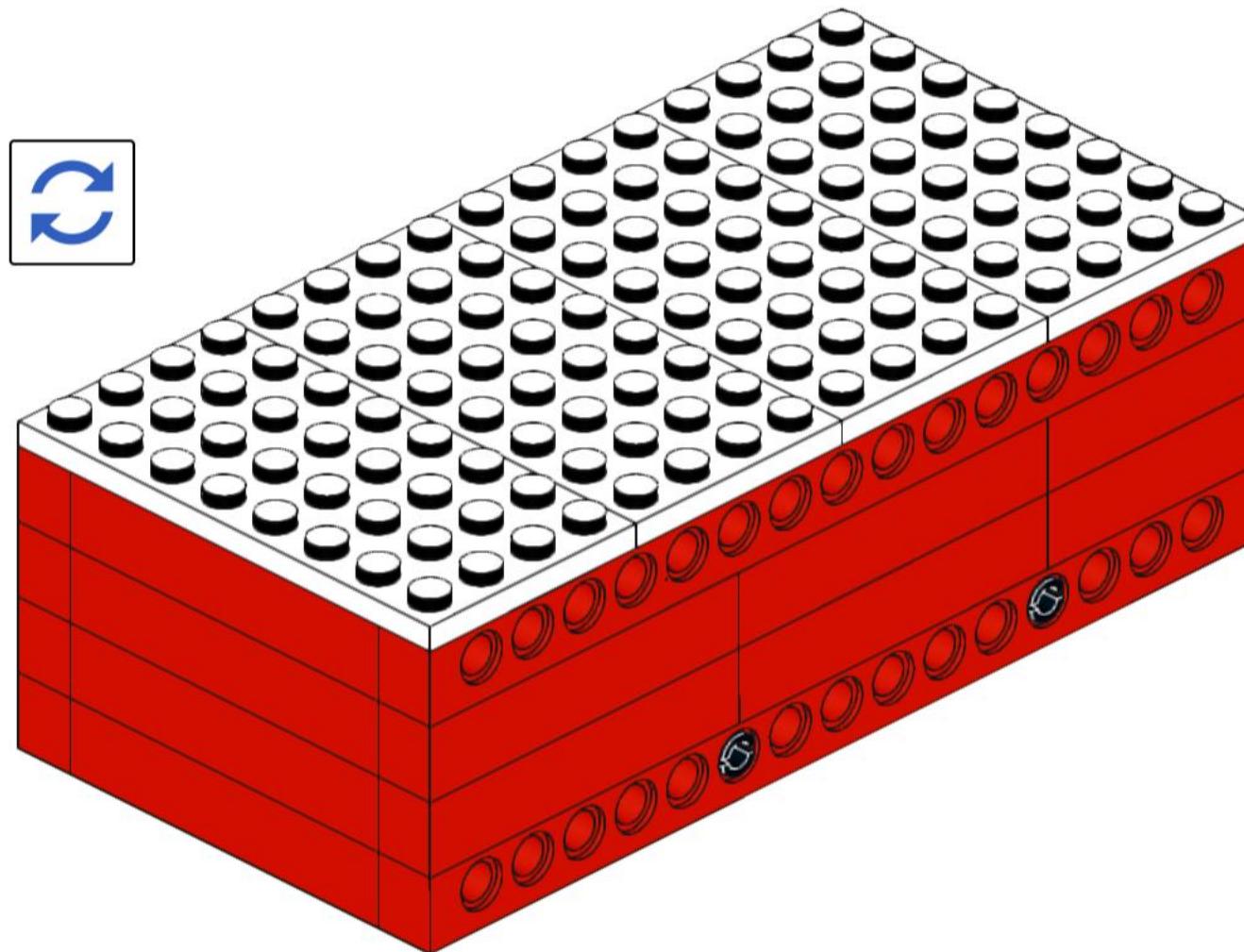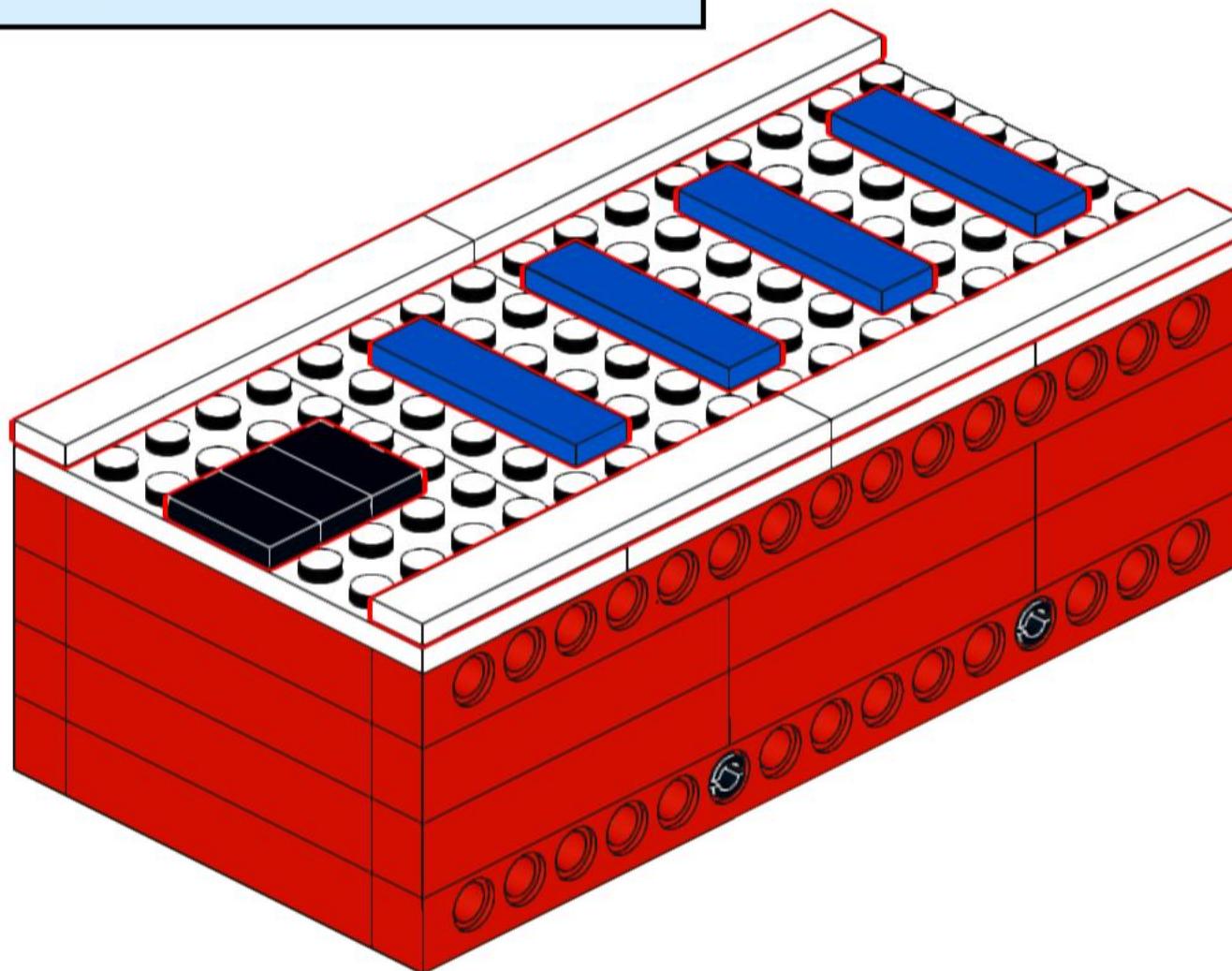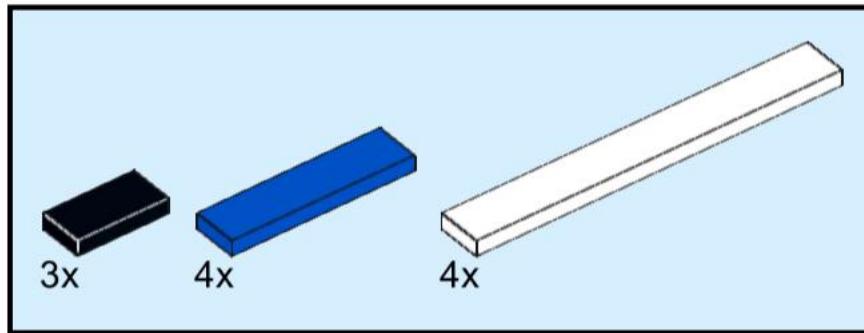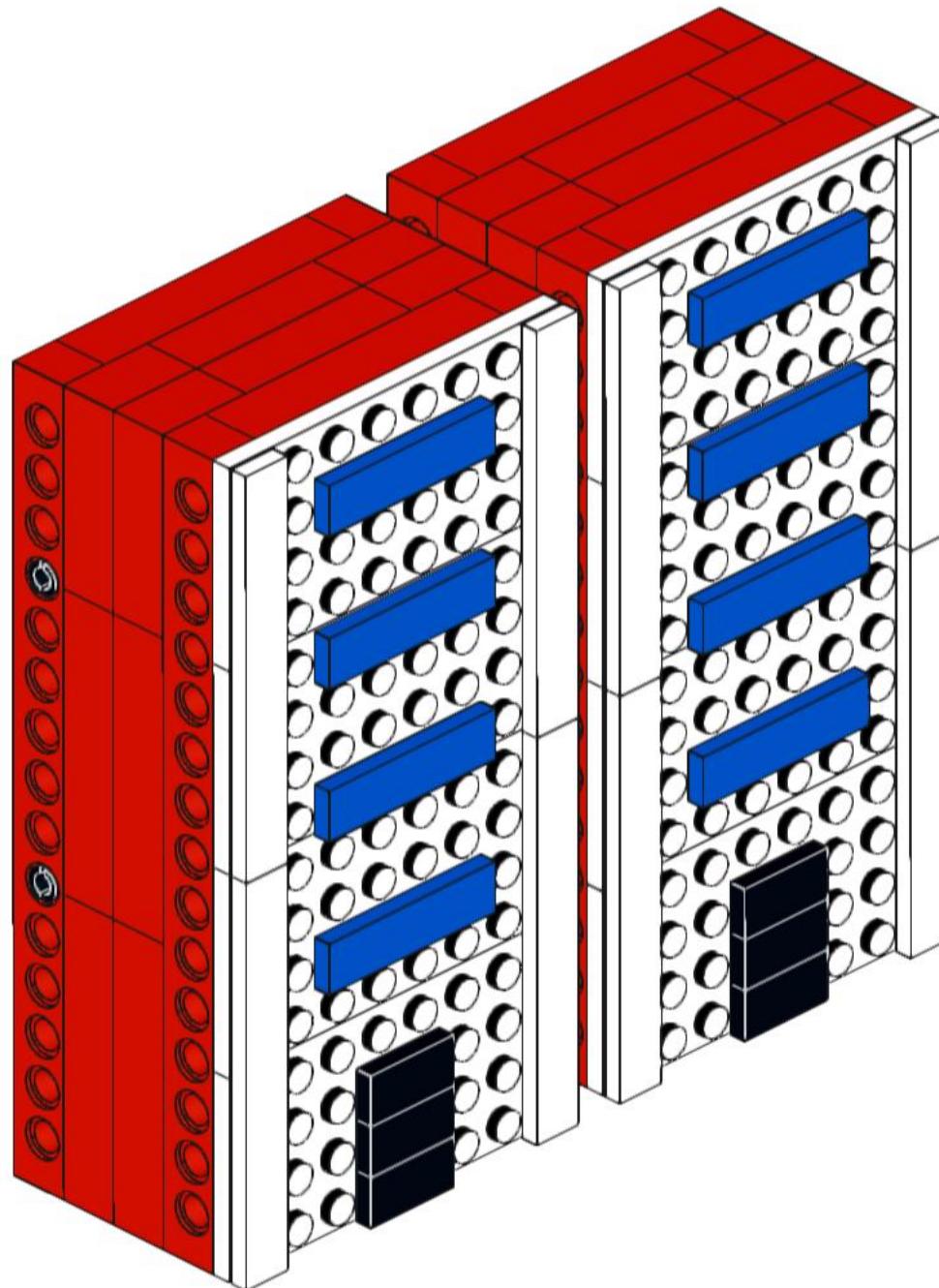
2x

19
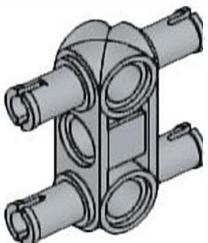
2x
2780
Black
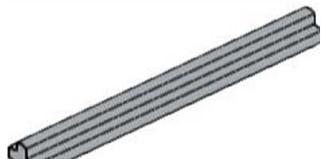
5x
3705
Black
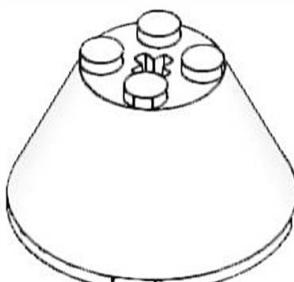
3x
41239
Black

2x
48989
Light Bluish Gray
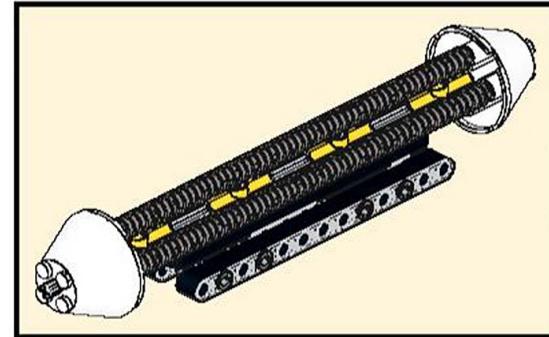
6x
32073
Light Bluish Gray

2x
3943b
White

2x
32556
Tan
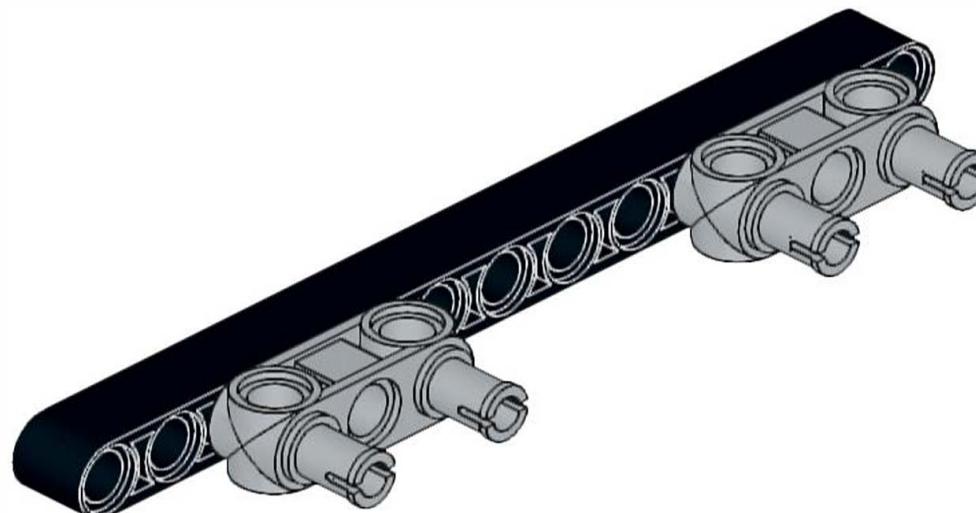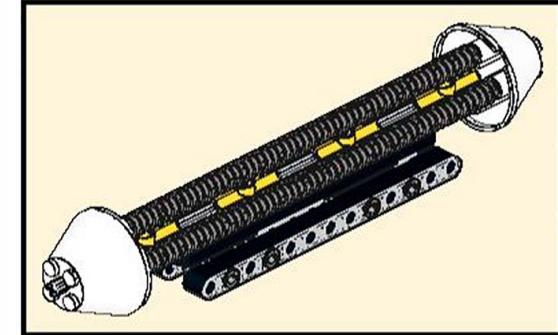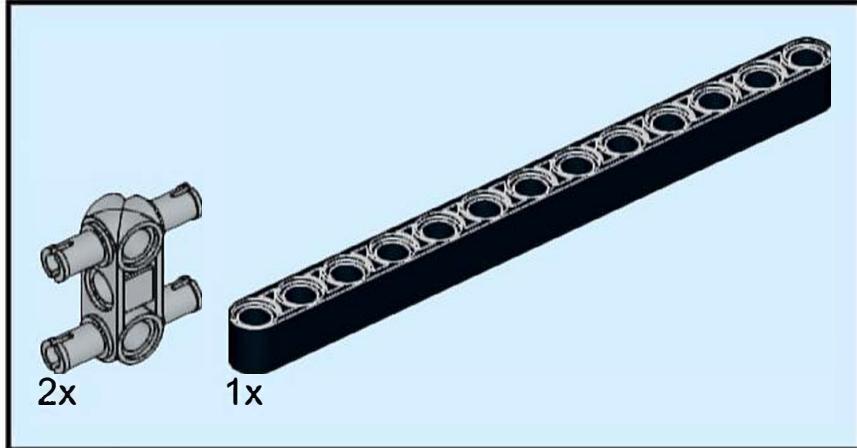
4x
32034
Yellow
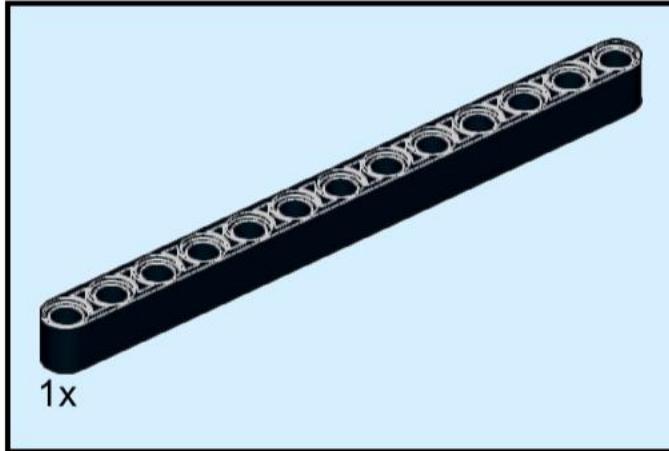
3x
78c18
Flat Silver

1

2x   1x

2

1x

3

2x   2x

4

1x

5

2x   1x

1

2

6

2x

7

2x

8

2x

9

3x   1x

1

2

10

3x

11

3x   1x
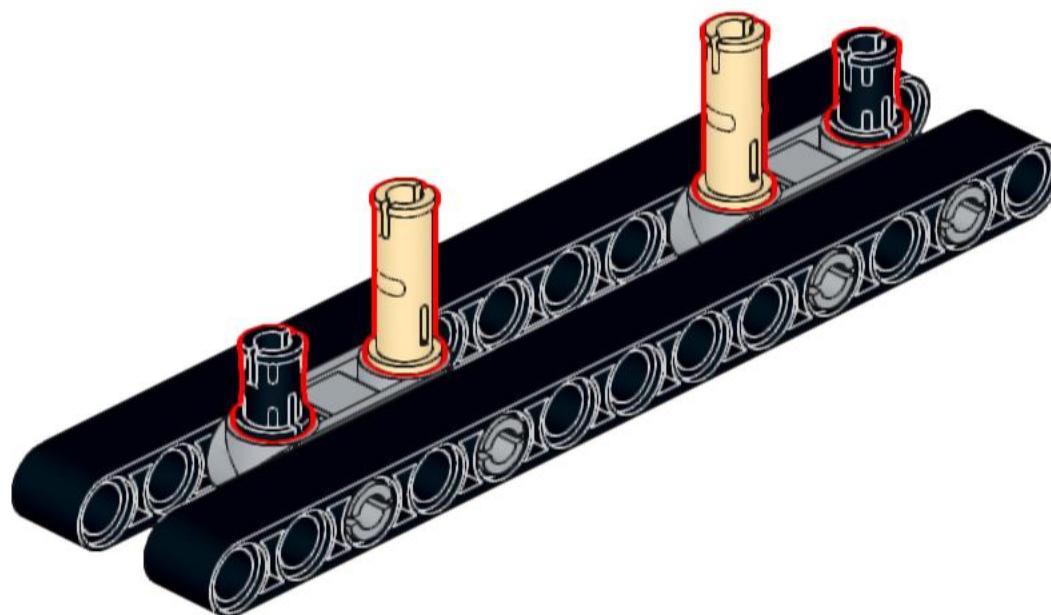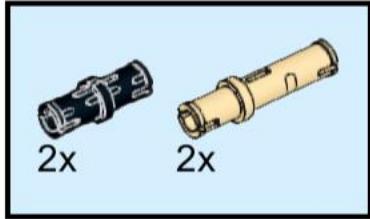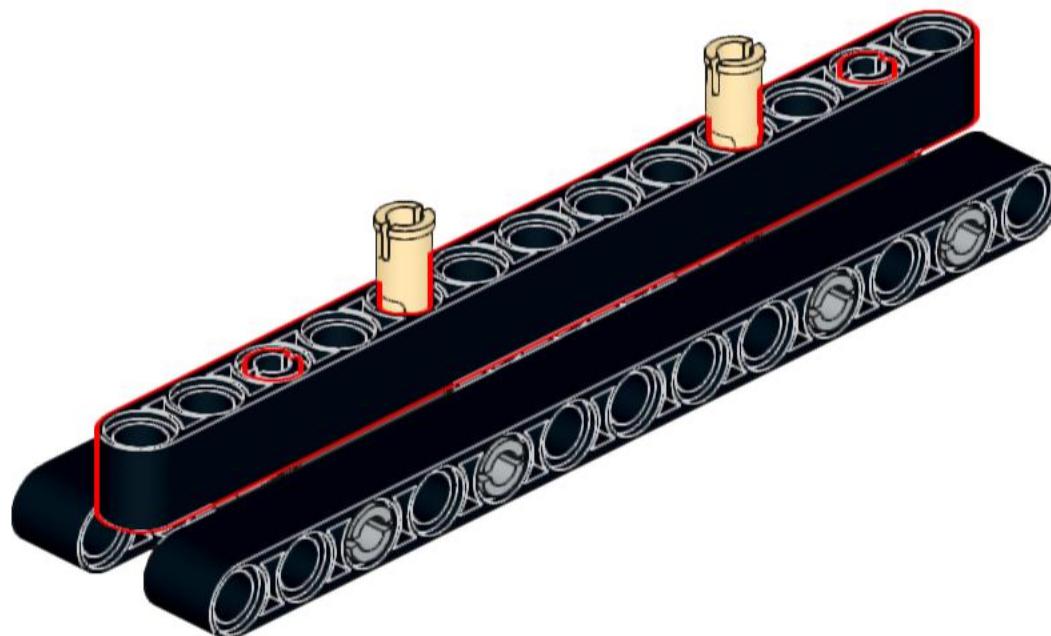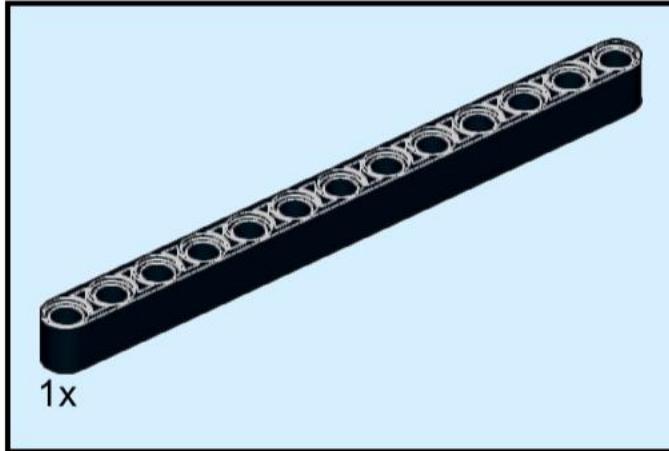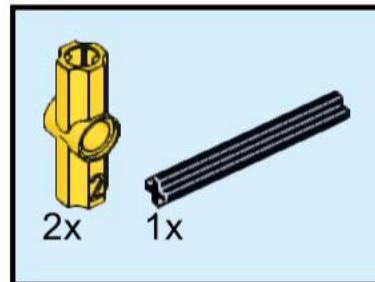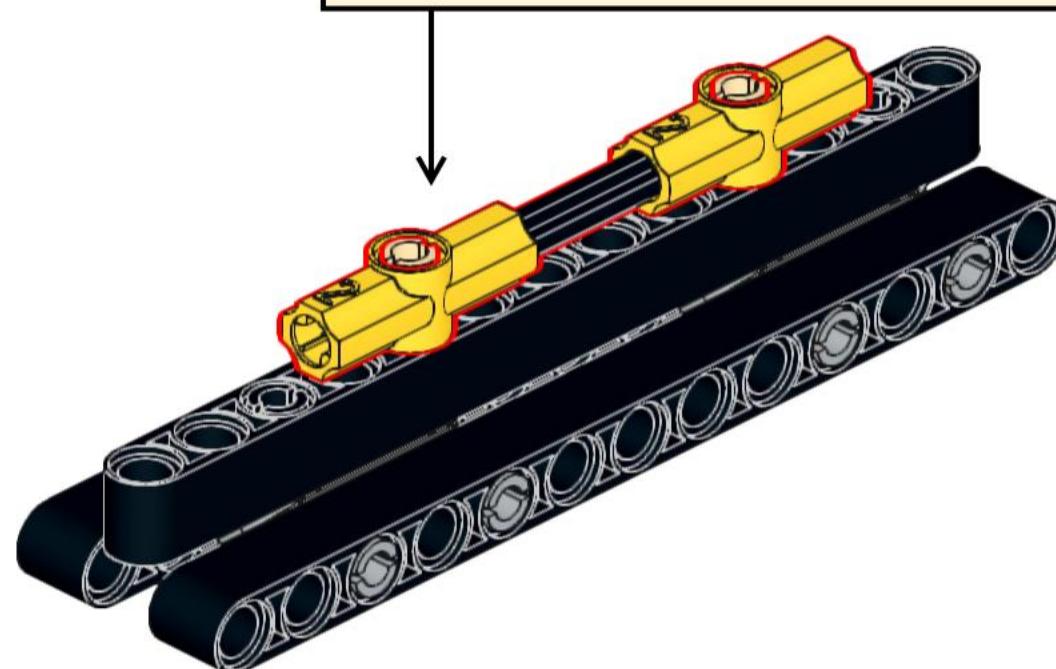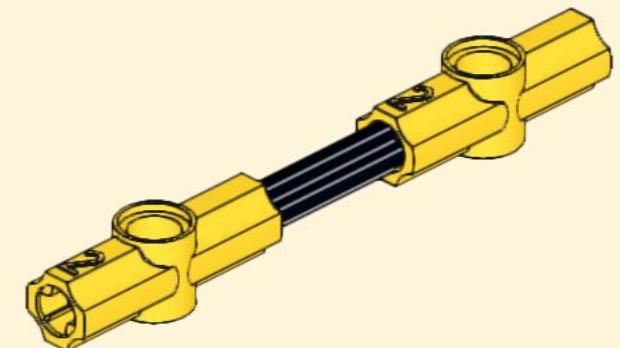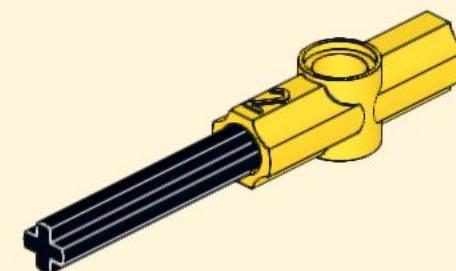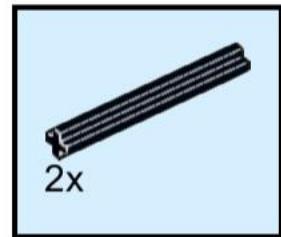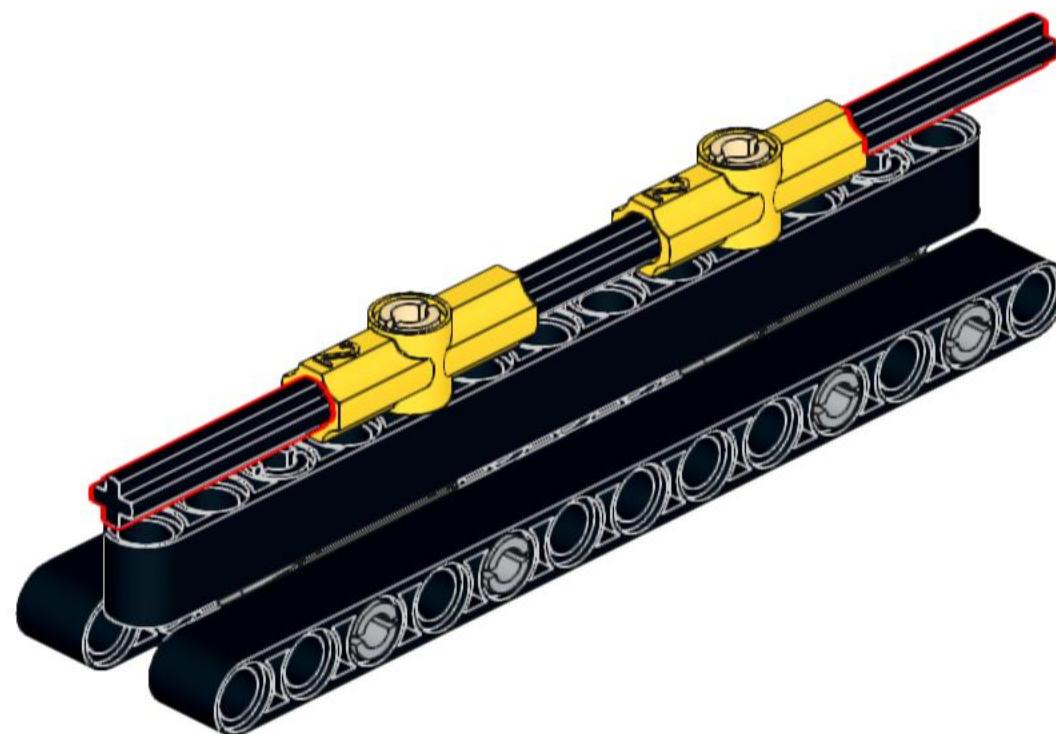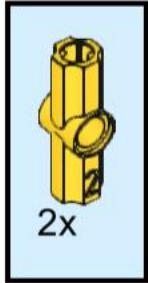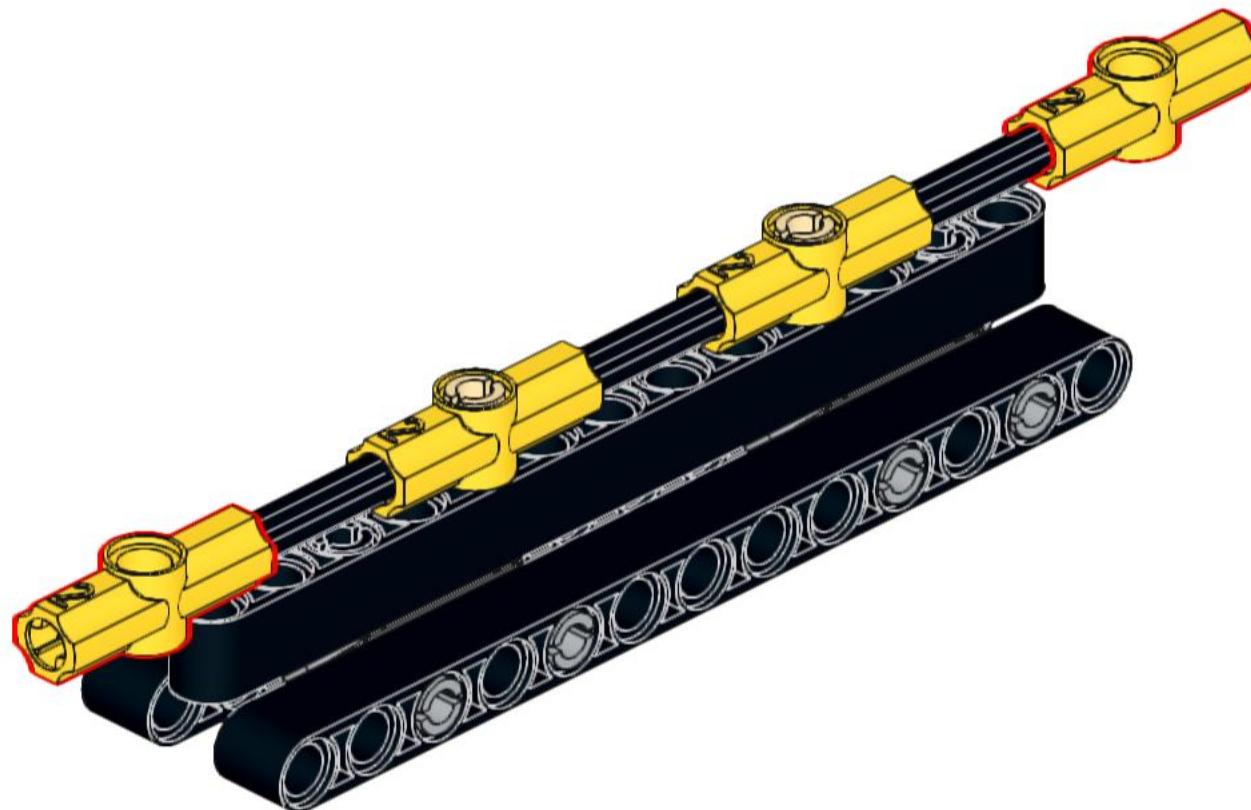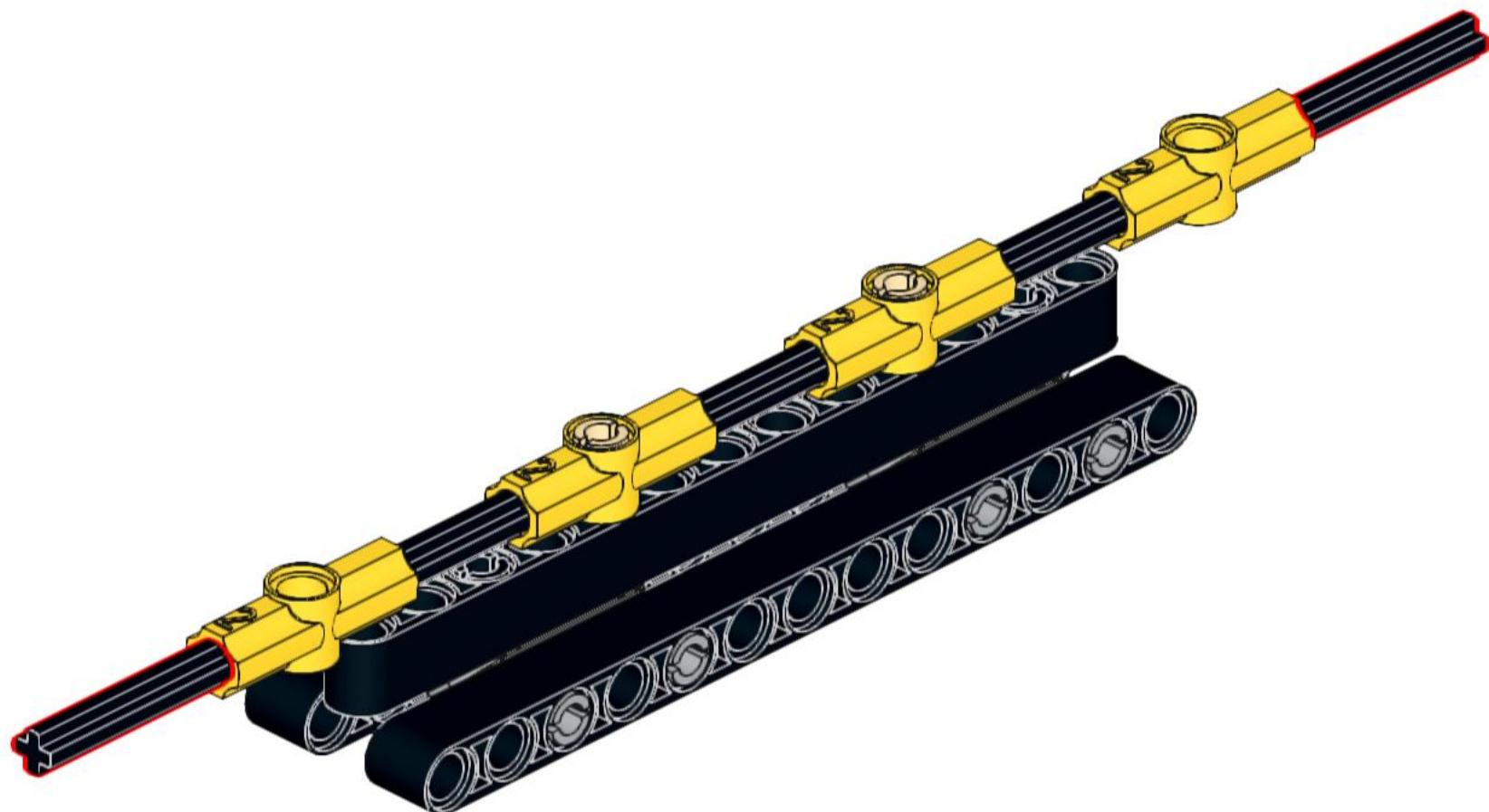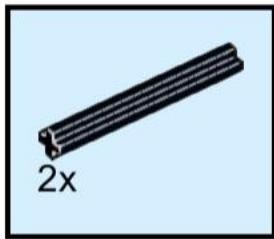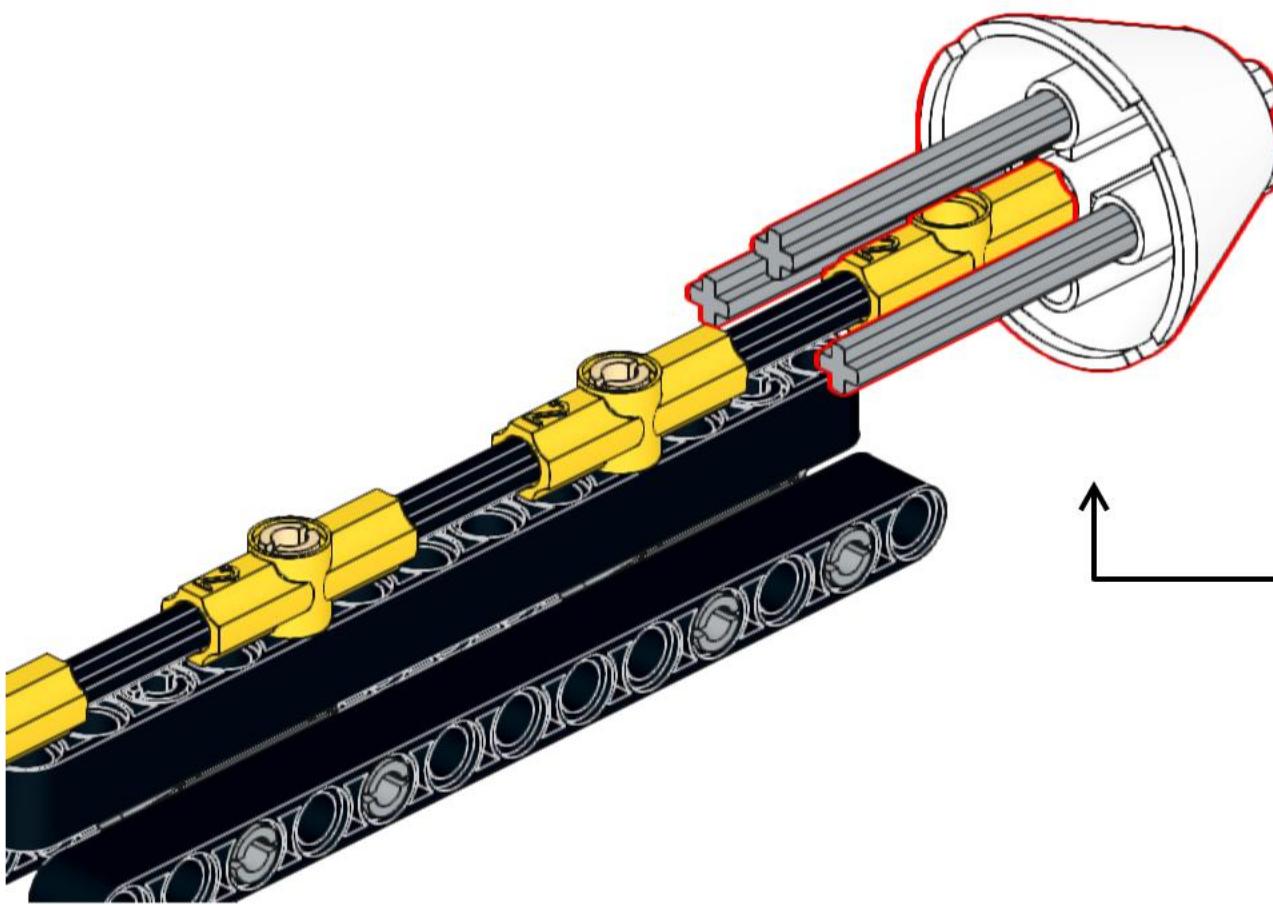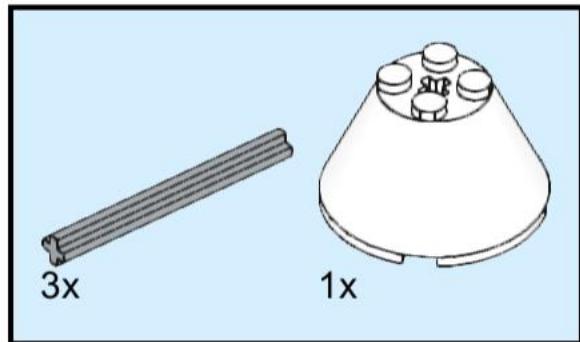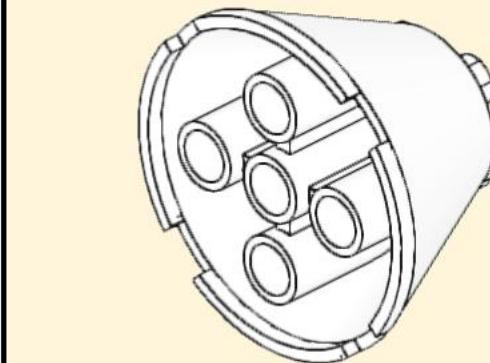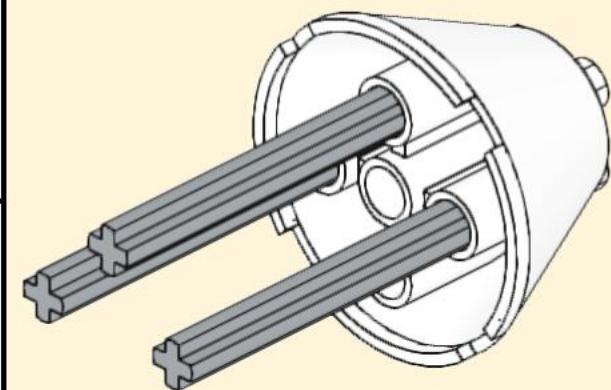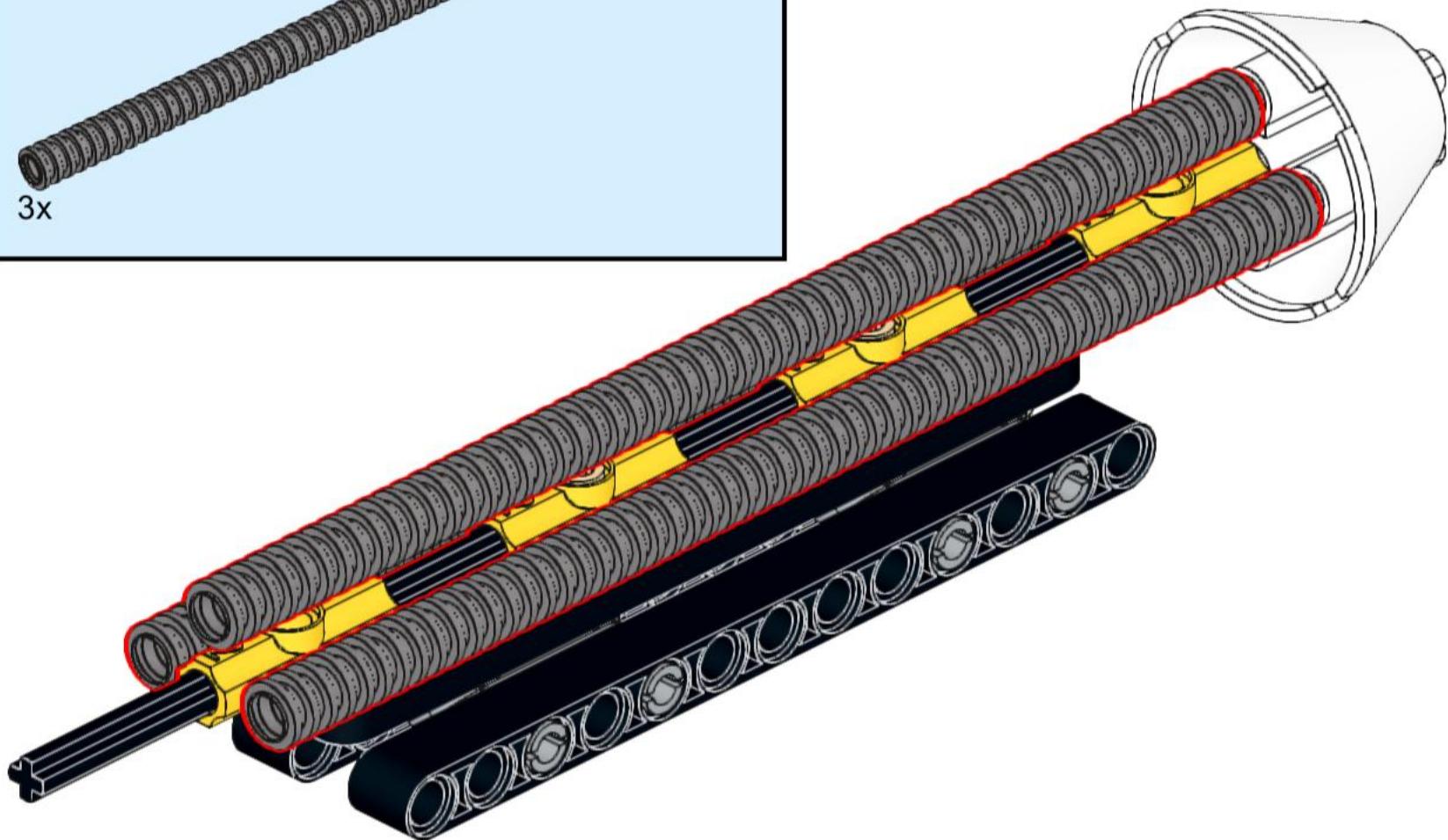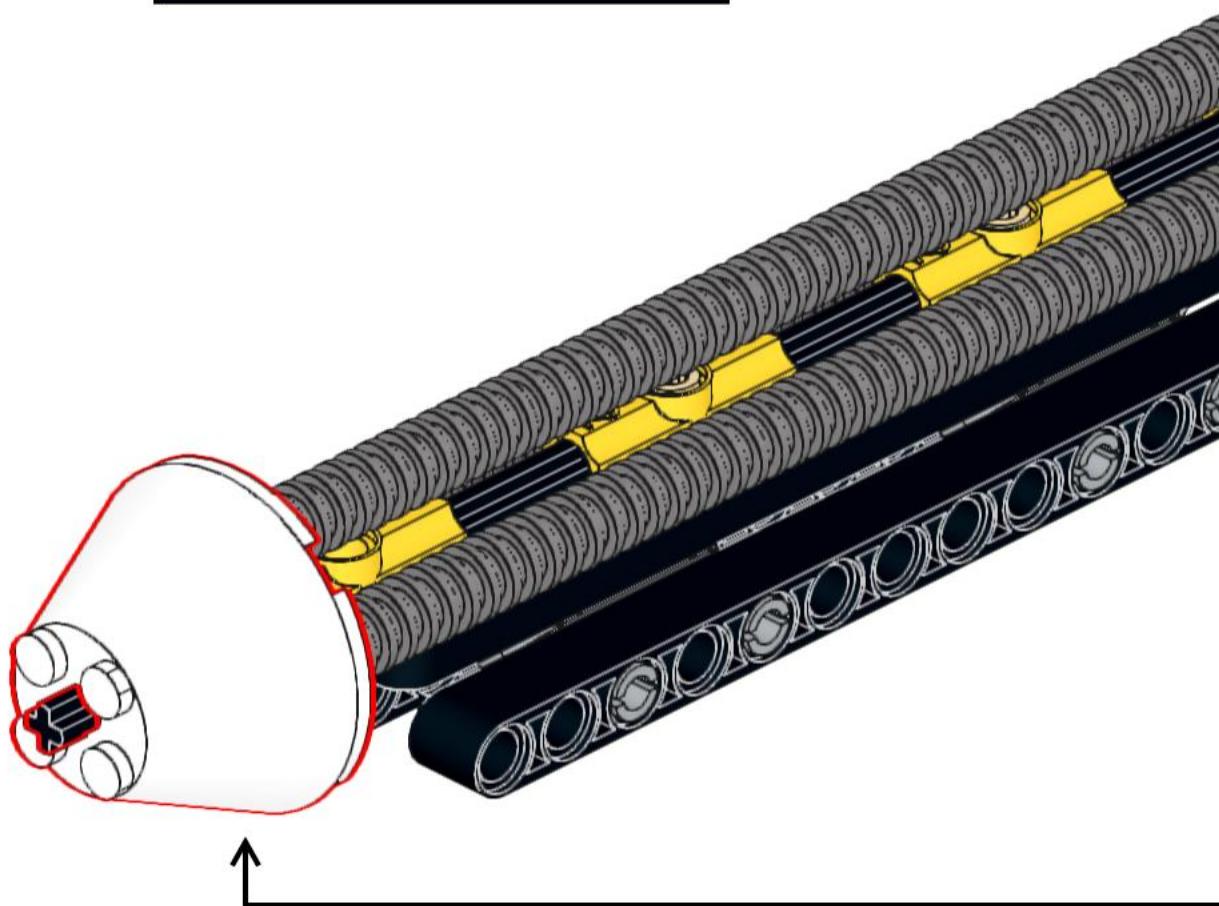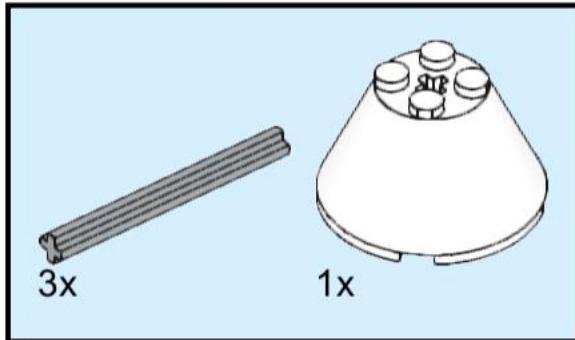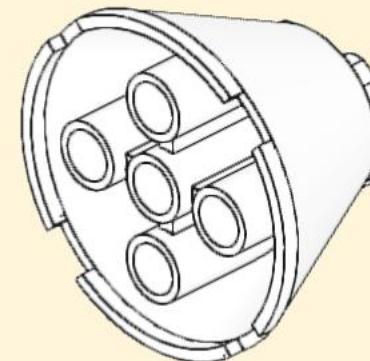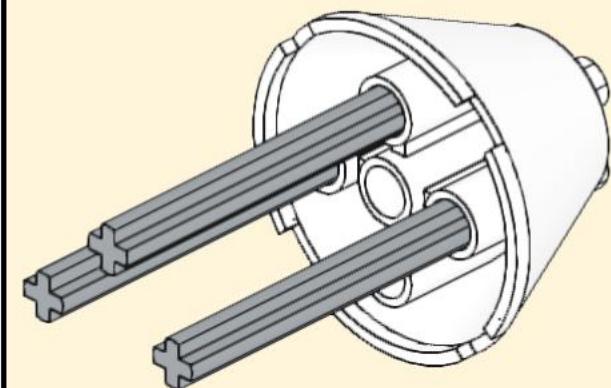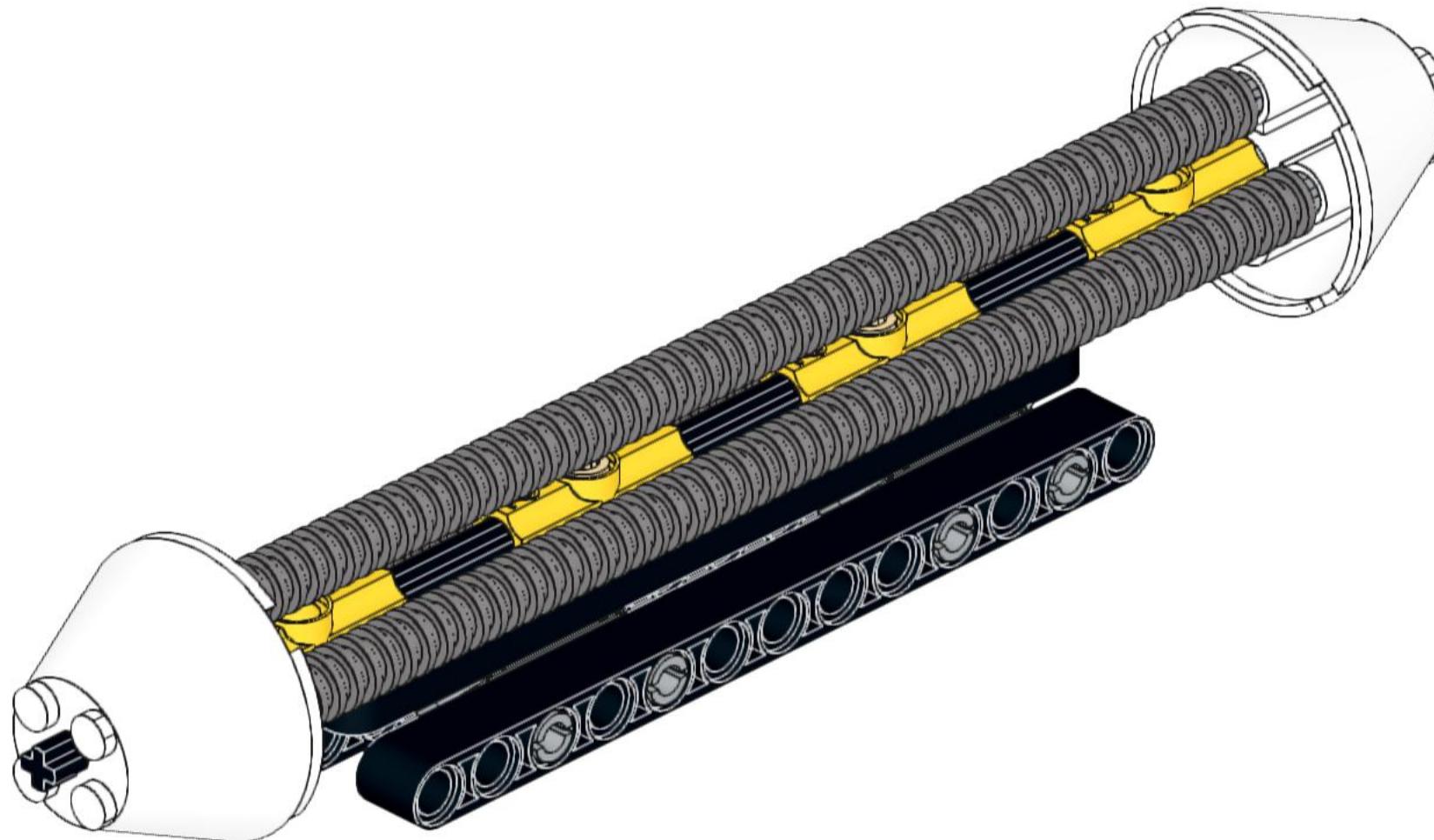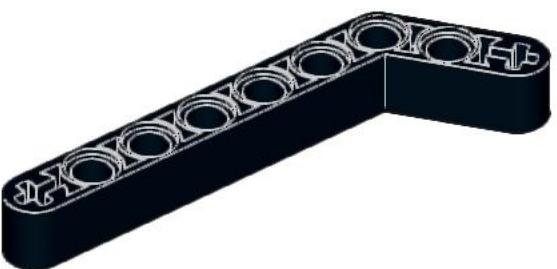
12
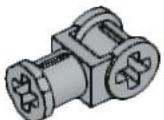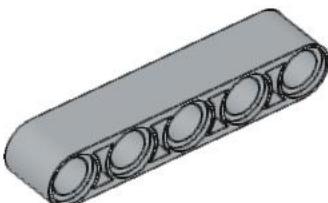
6x
2815
Black
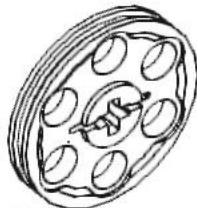
2x
32271
Black

4x
32039
Light Bluish Gray

2x
32316
Light Bluish Gray

6x
4185
White

4x
32062
Red
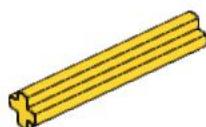
8x
32013
Red

4x
4265c
Yellow

6x
4519
Yellow

4x
43093
Blue

2x
6558
Blue

2x

1

1x **1x**

2x

2 2x

3

2x 2x

1 2

2x

4

1x

5

2x   2x

1   2

2x

6

7

2x

8

2x

9

2x

10
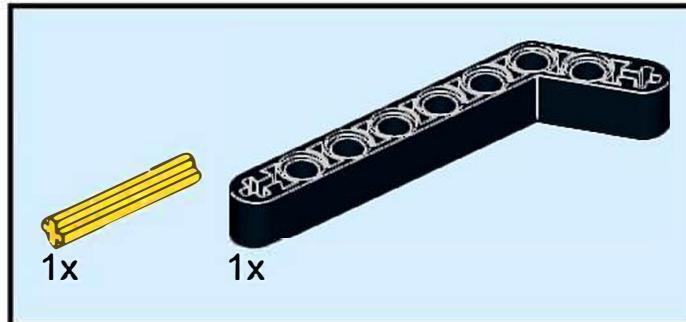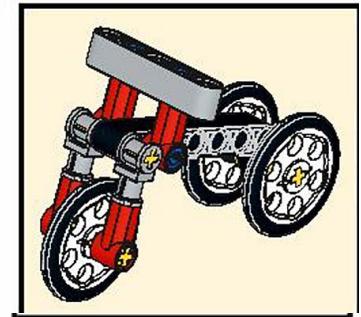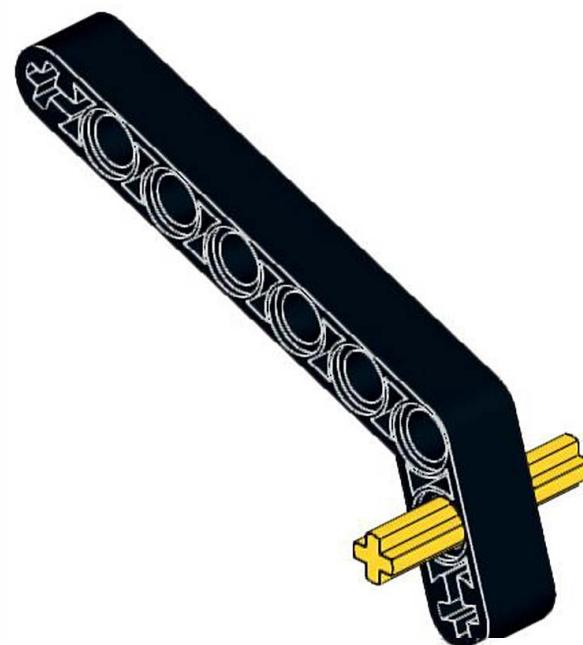
1x   1x   1x
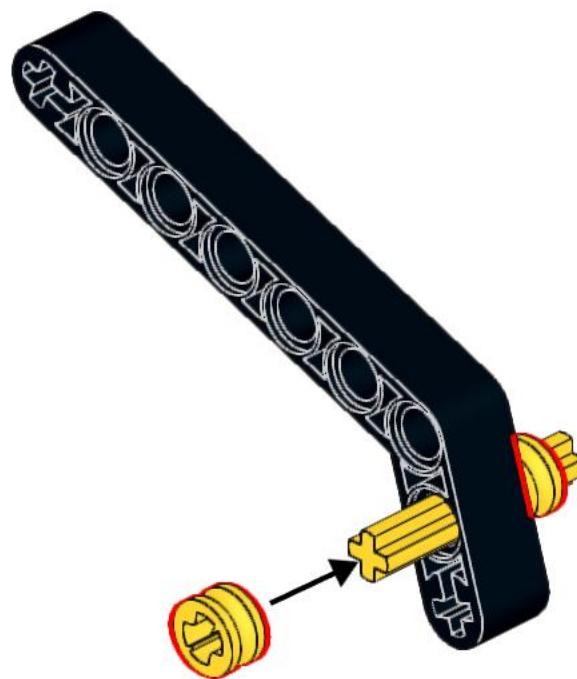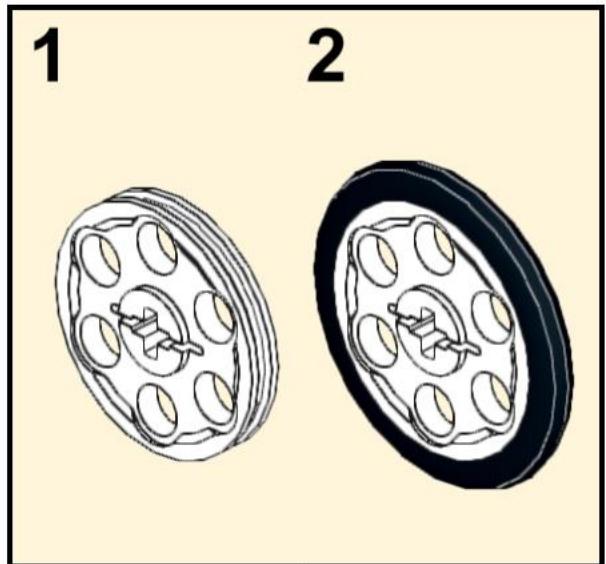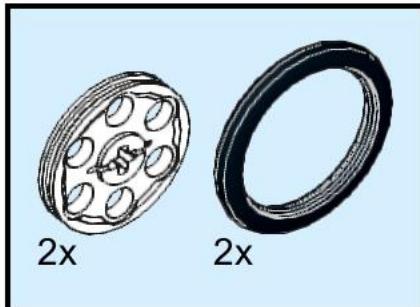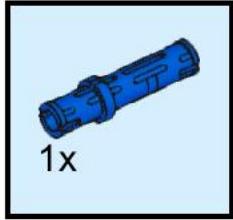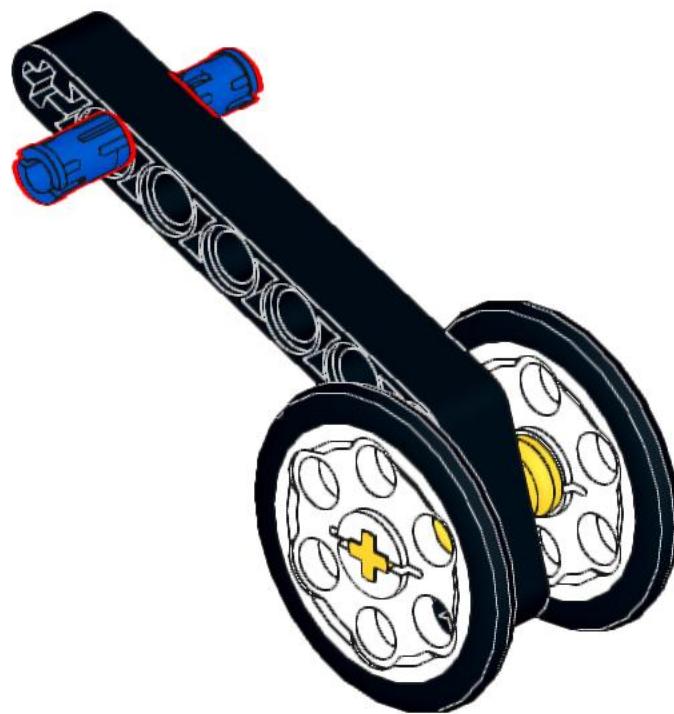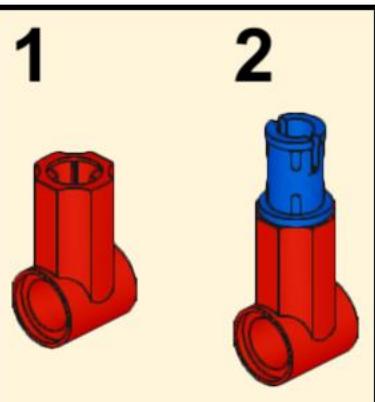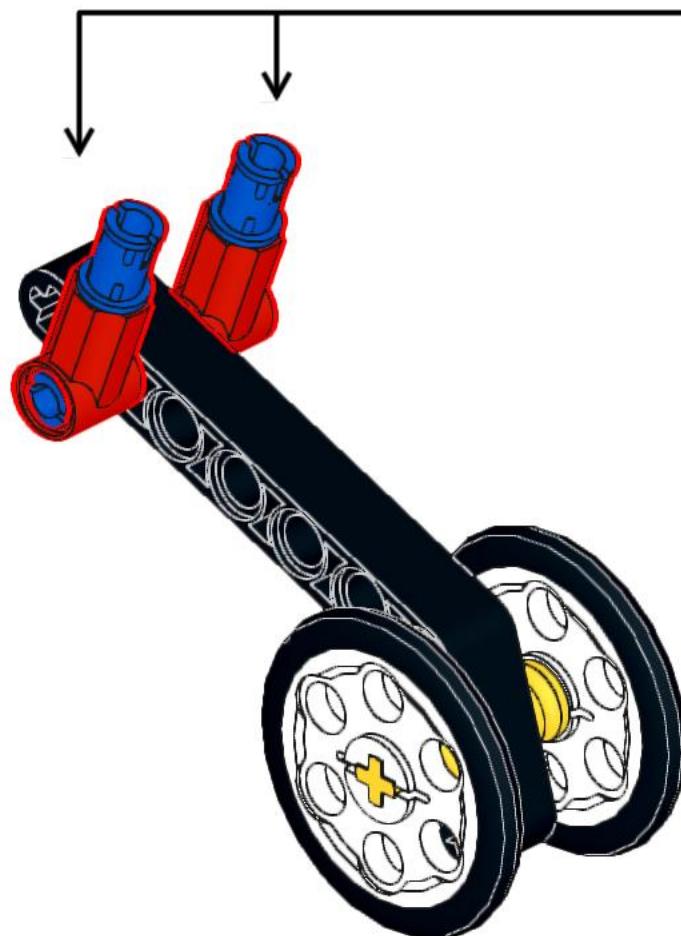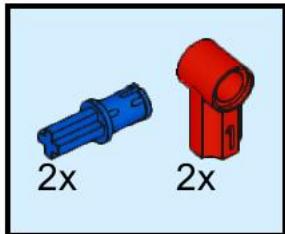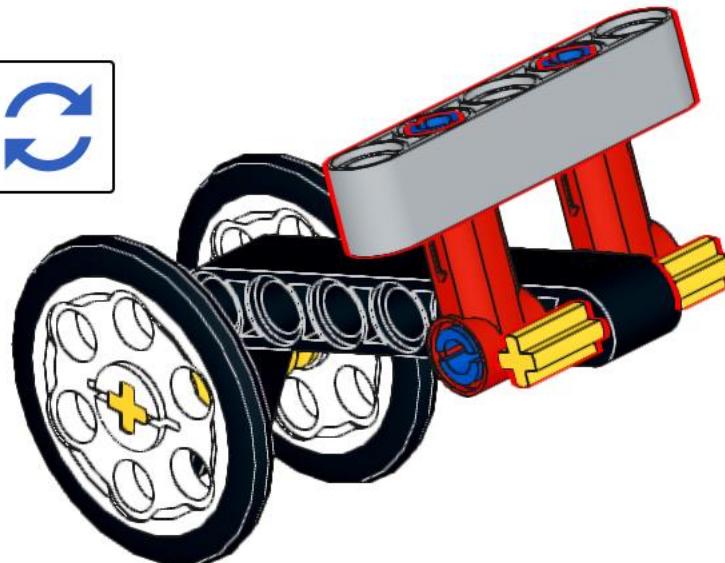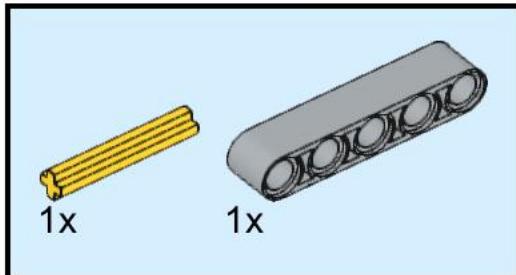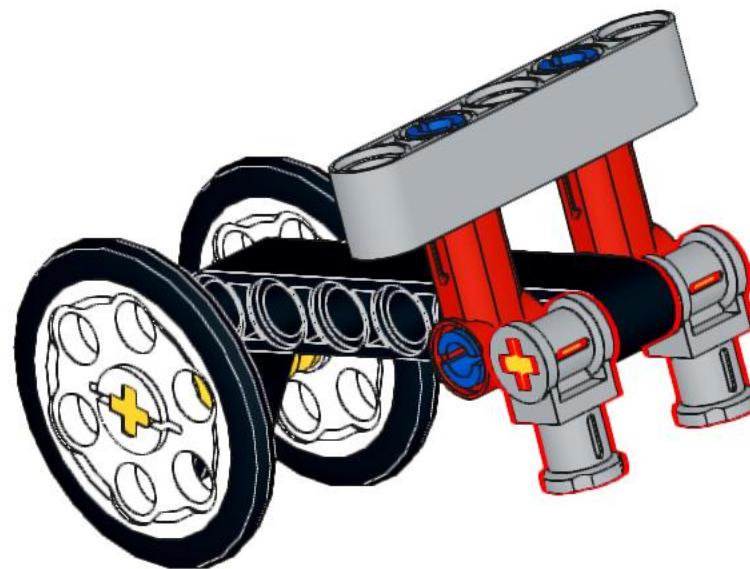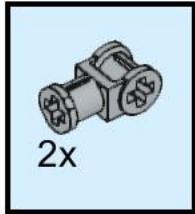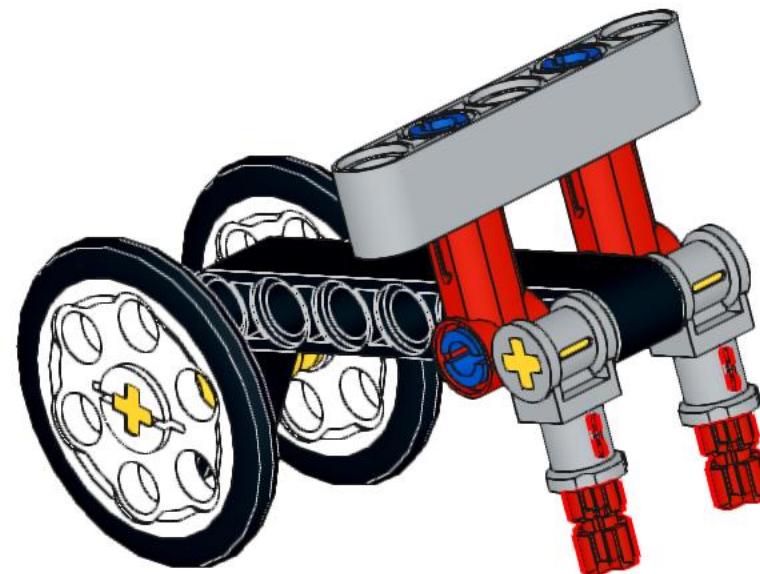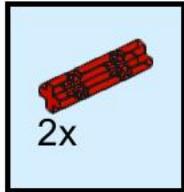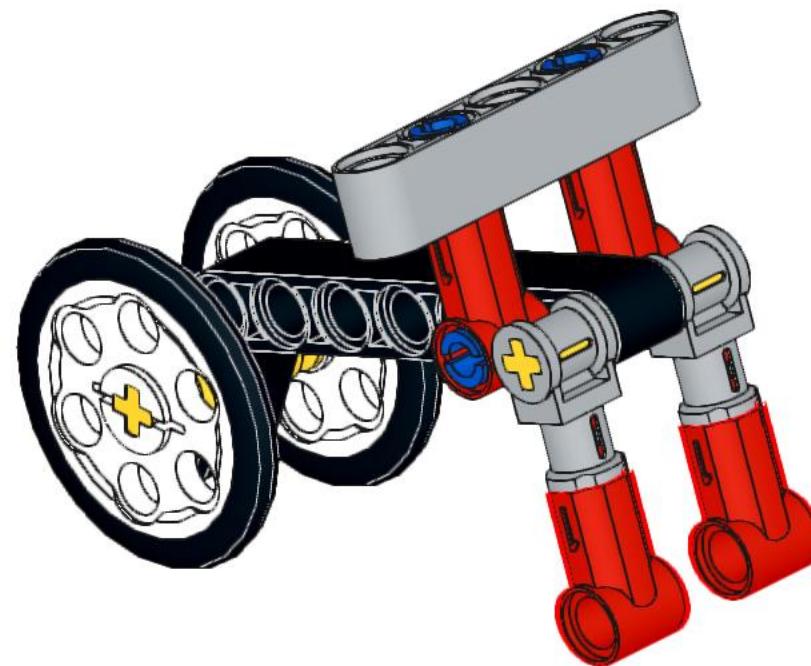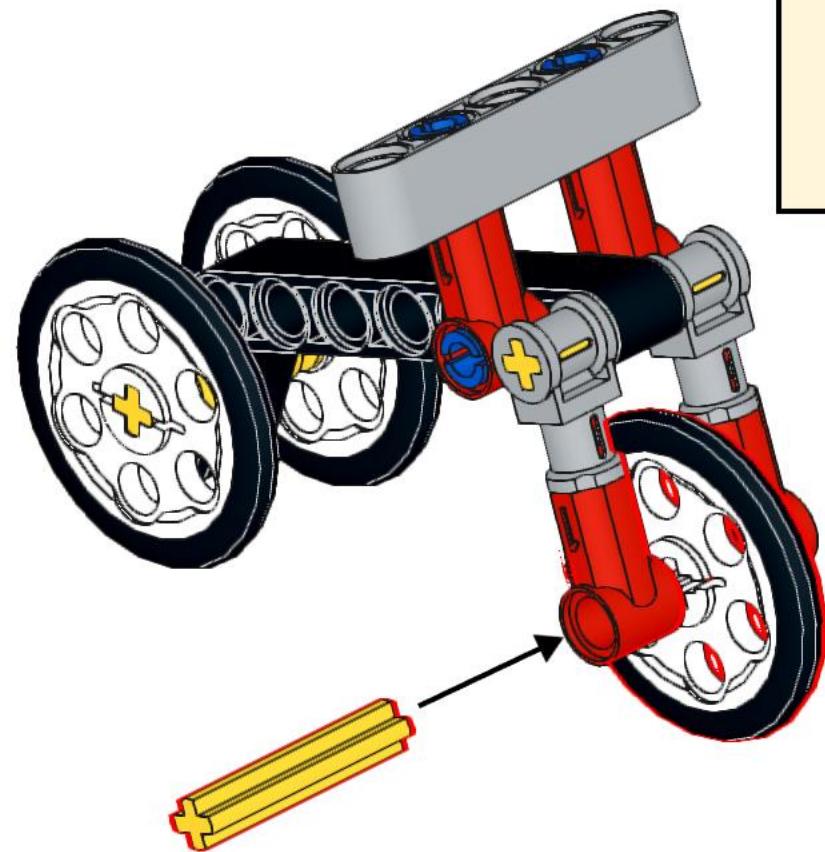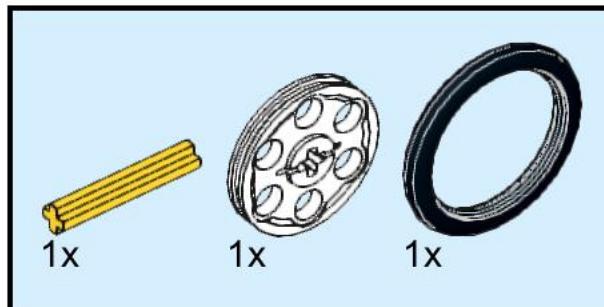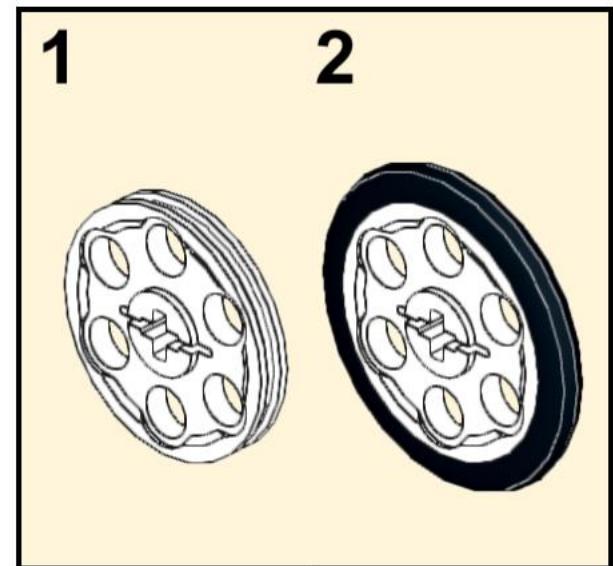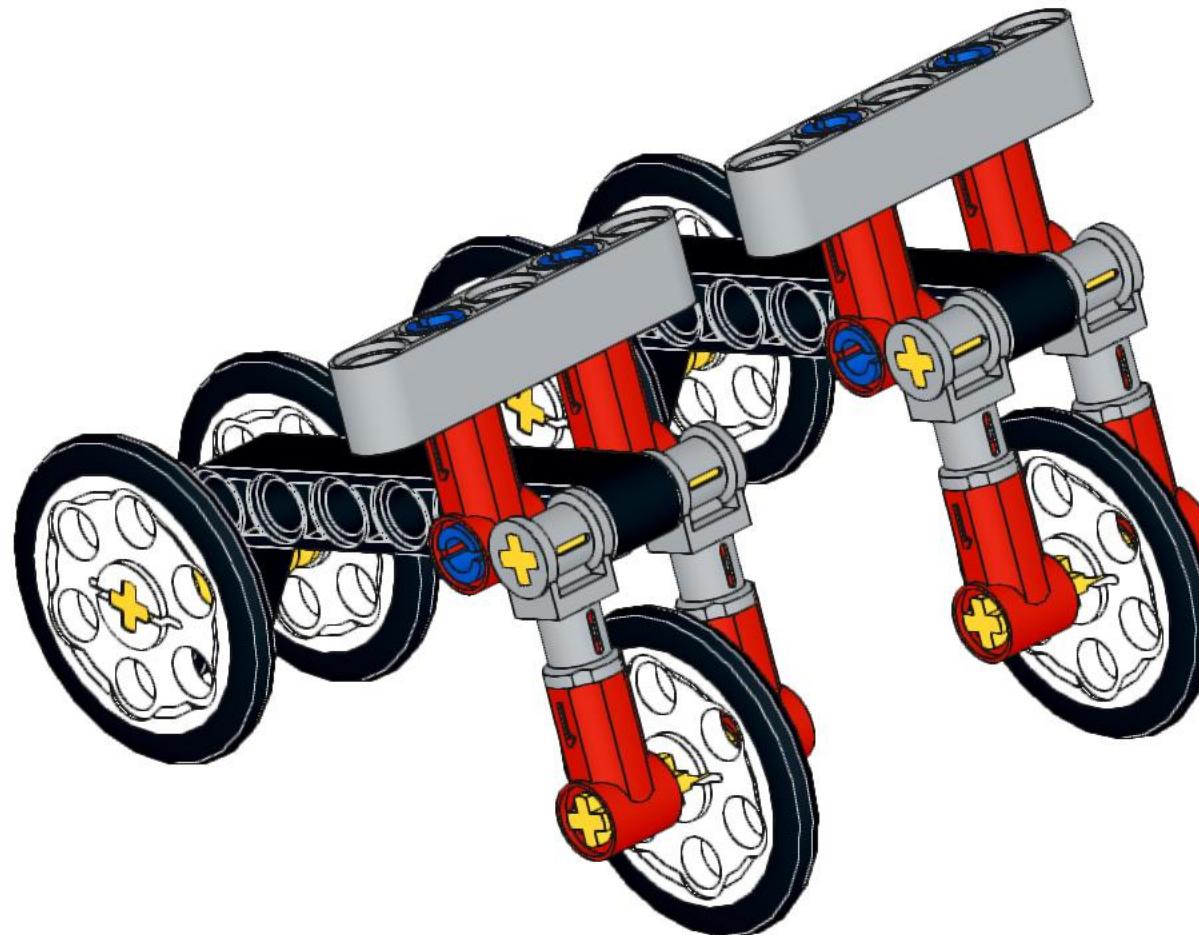
1   2
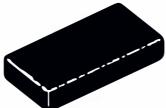
2x

11
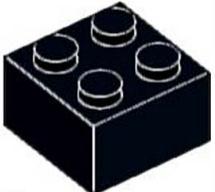
2x
2780
Black

4x
3069b
Black

6x
3001
Black

2x
3830
White
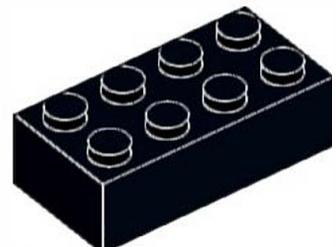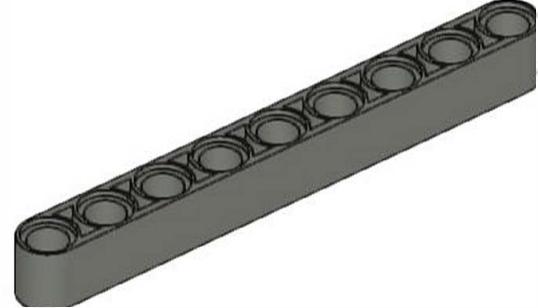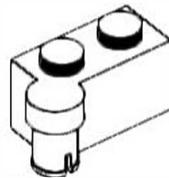
8x
3003
Black

8x
3894
Black

2x
3003
White
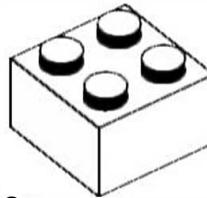
2x
87079
Black
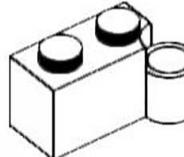
1x
40490
Dark Bluish Gray
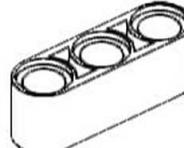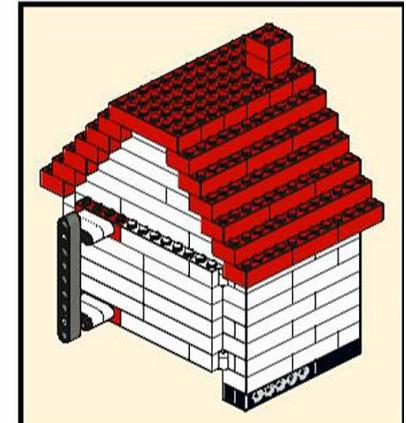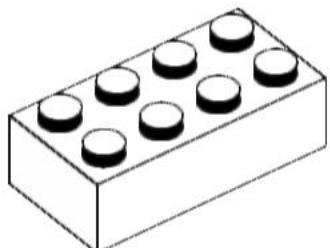
2x
3831
White
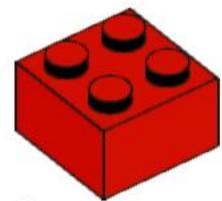
4x
32523
White
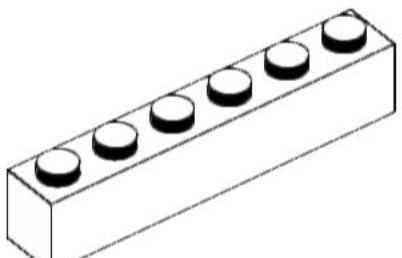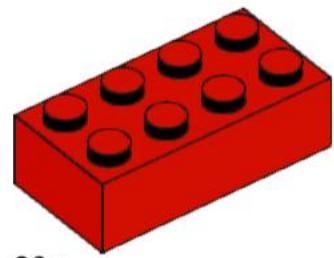
46x
3001
White
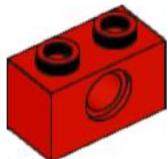
2x
3003
Red
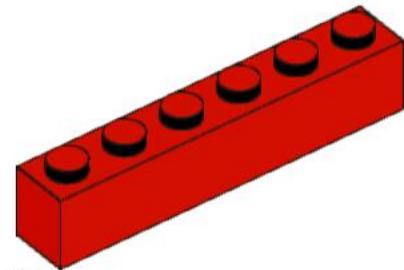
48x
3009
White

30x
3001
Red

4x
3700
Red
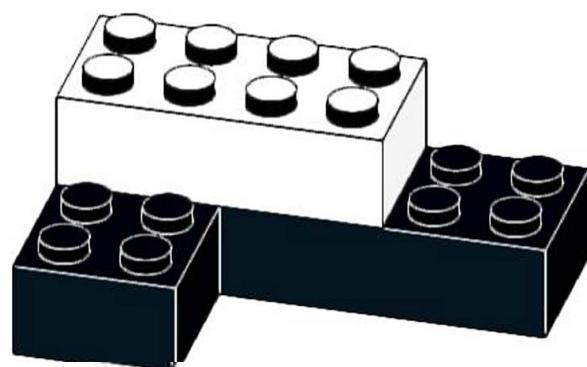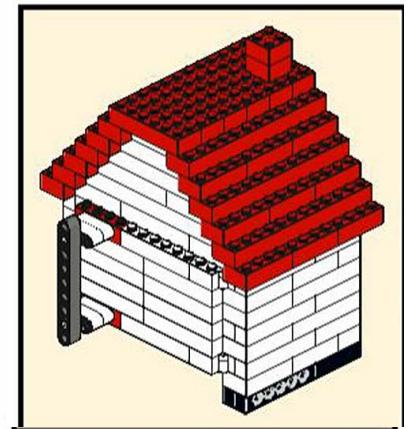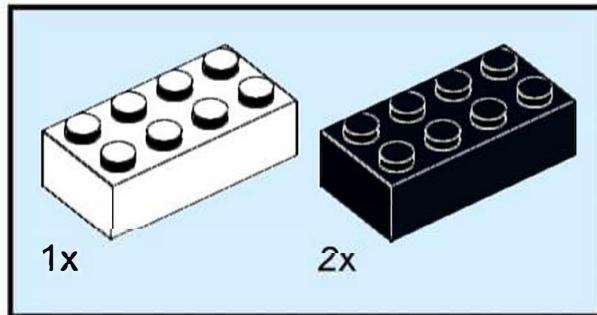
20x
3009
Red
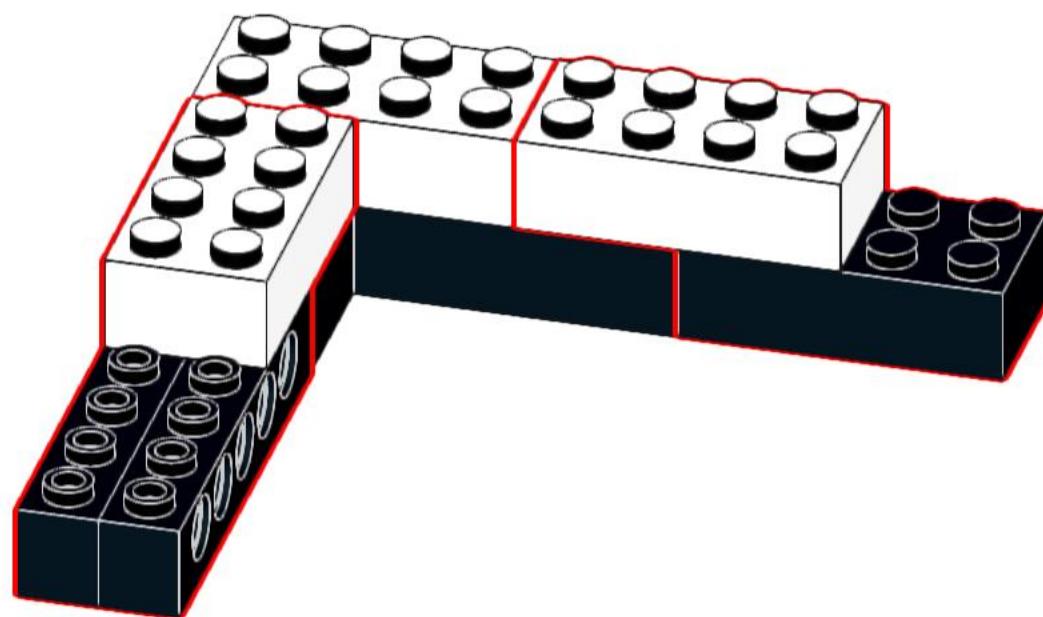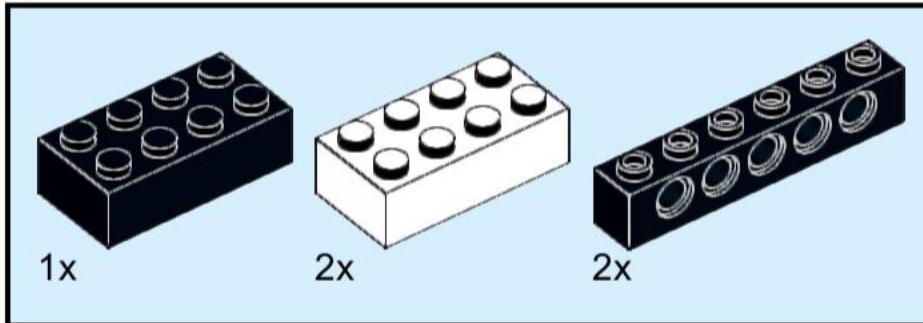
4x
6558
Blue
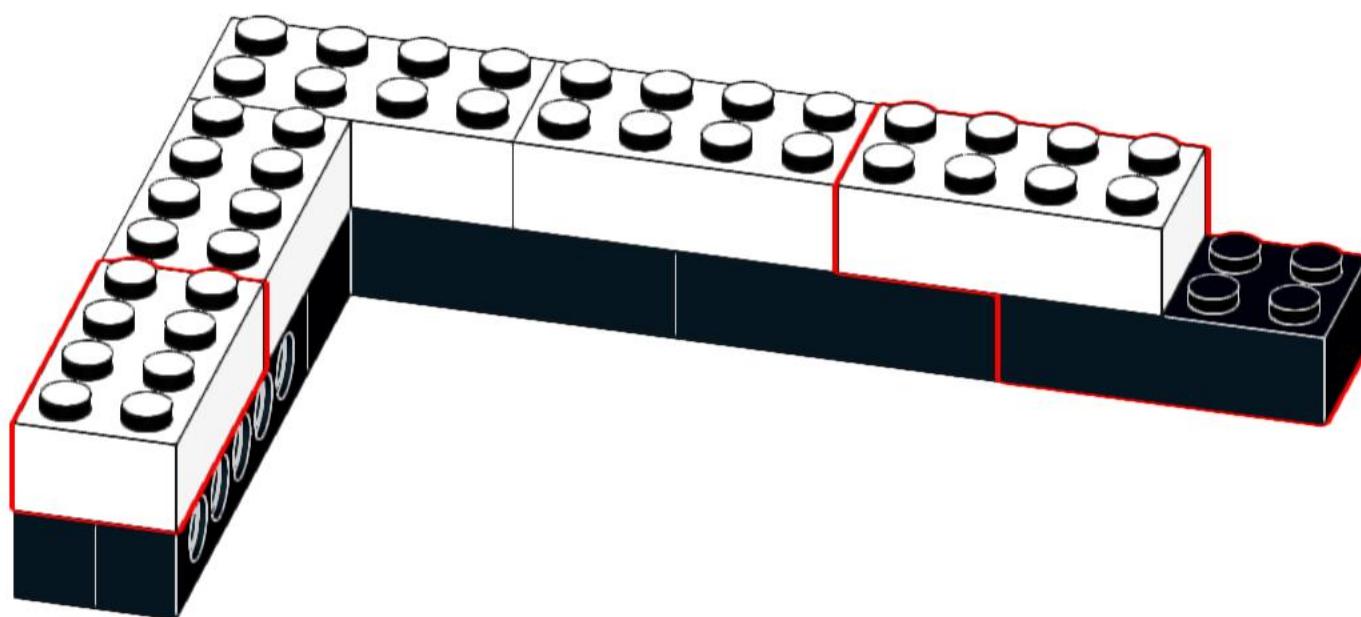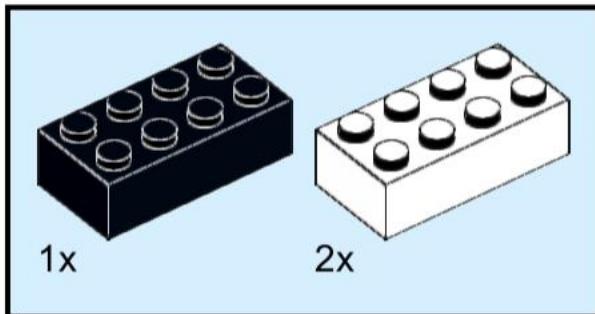
1
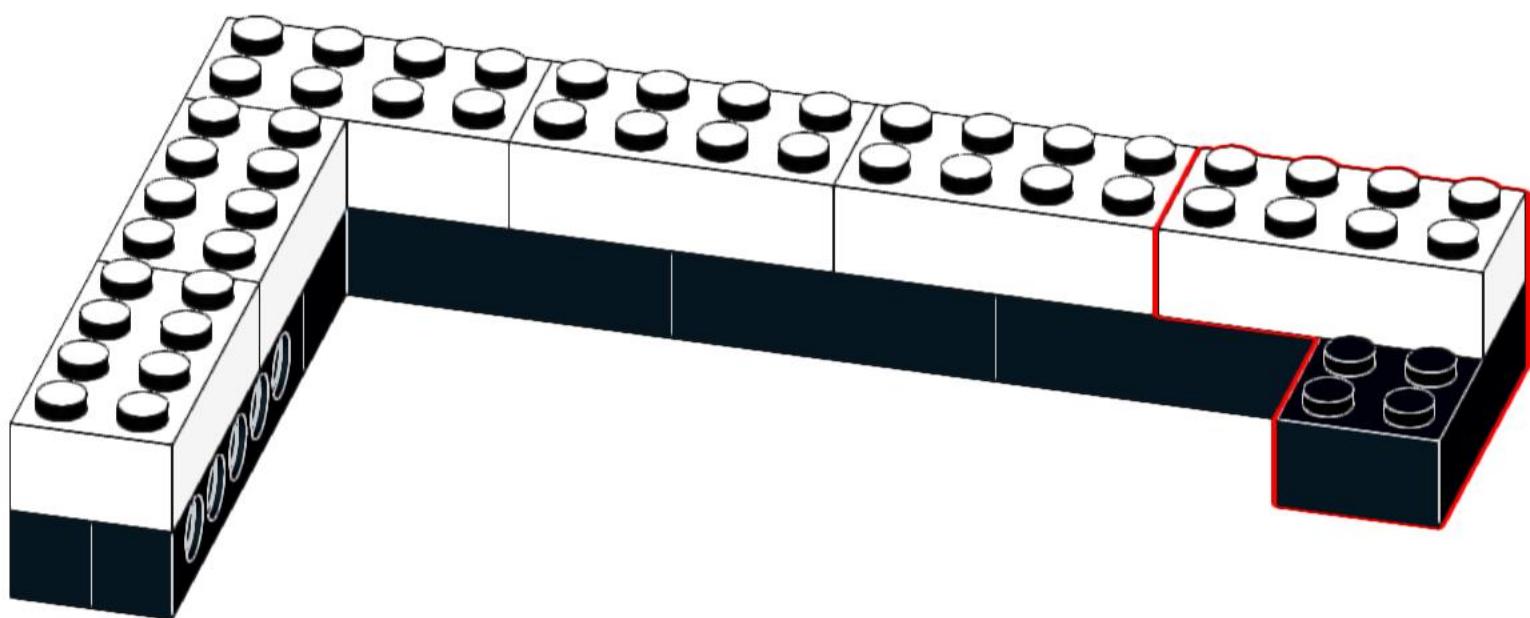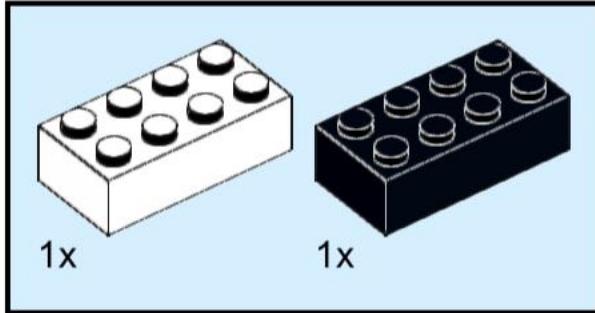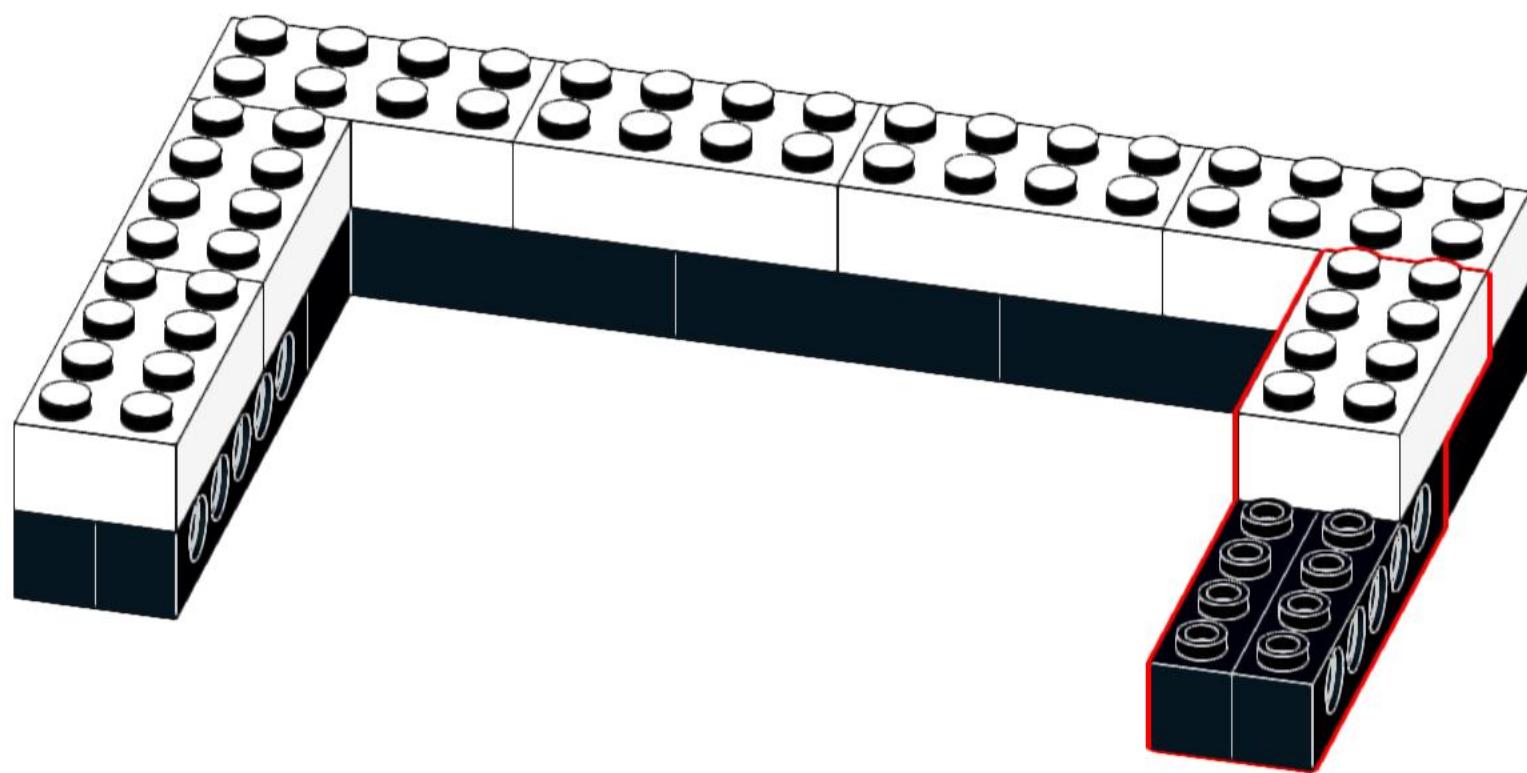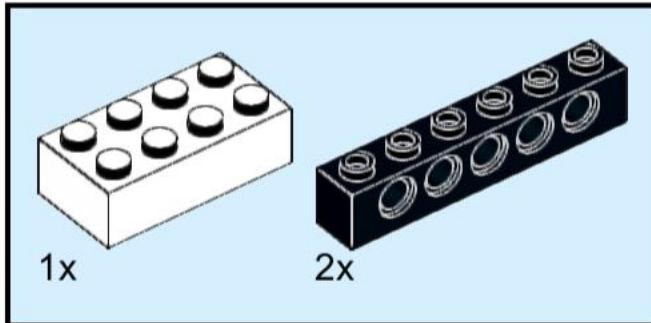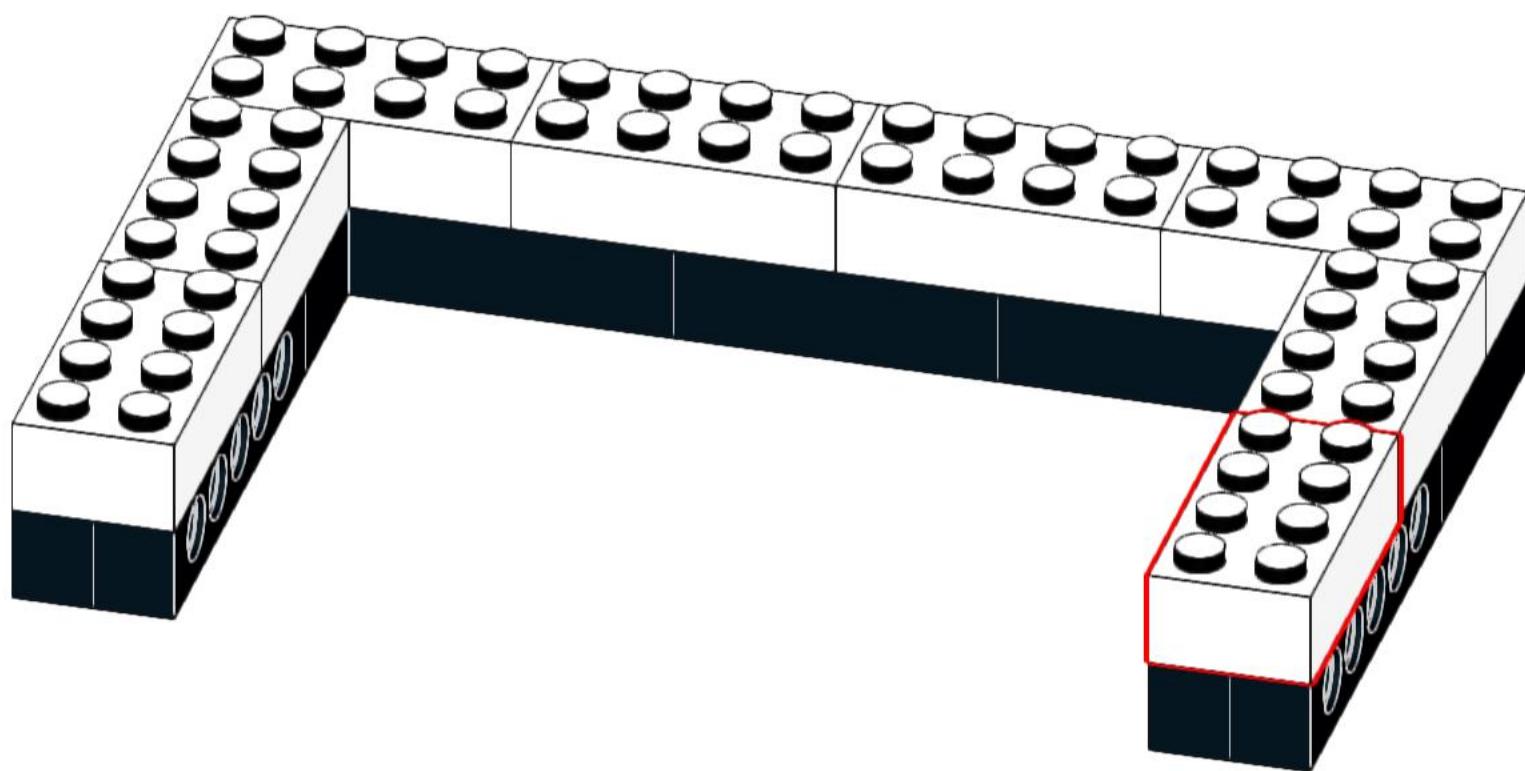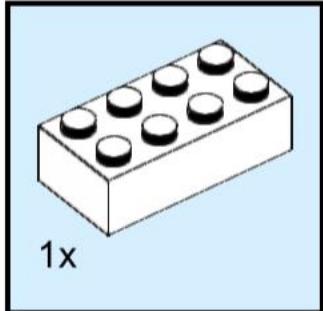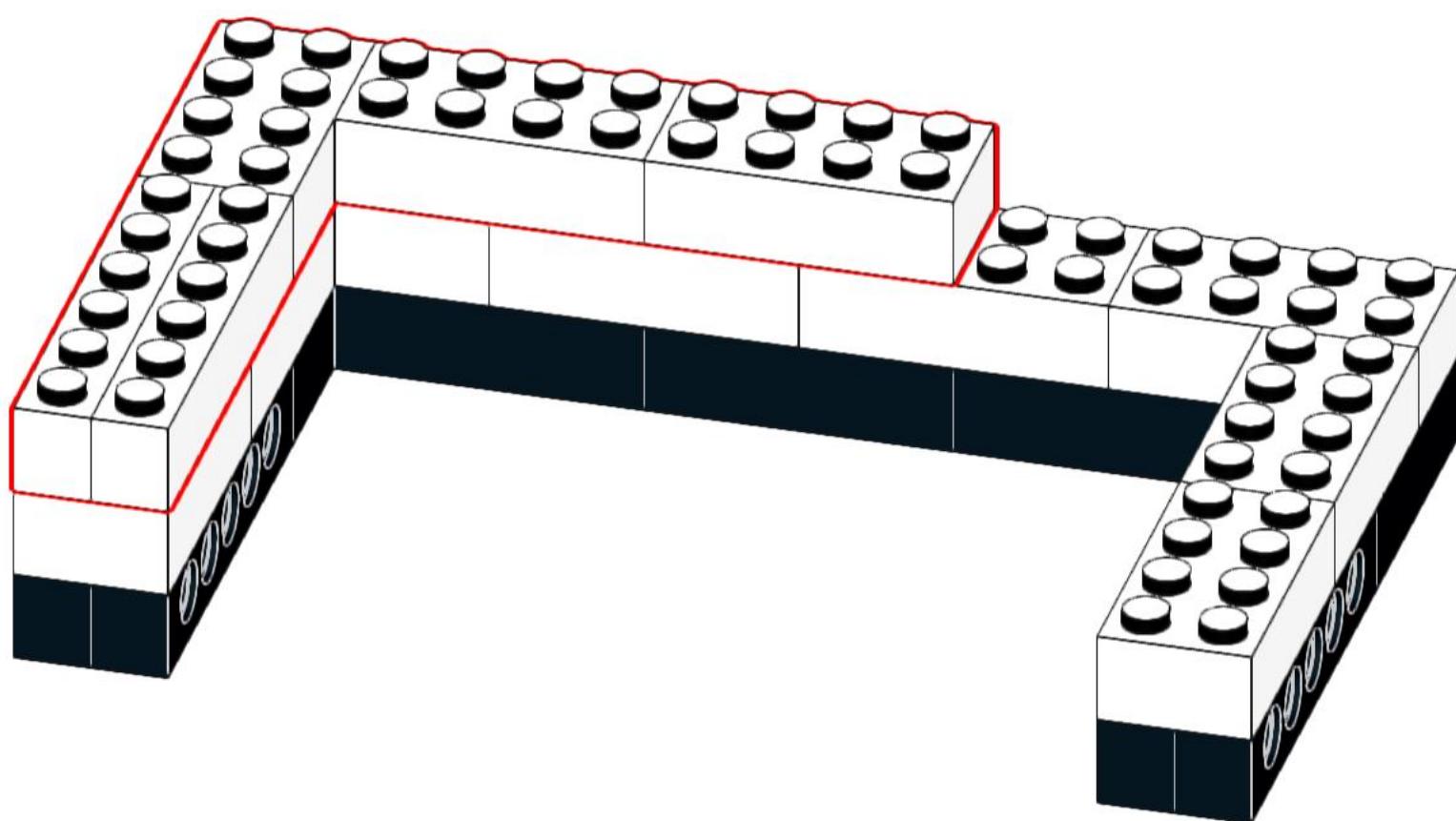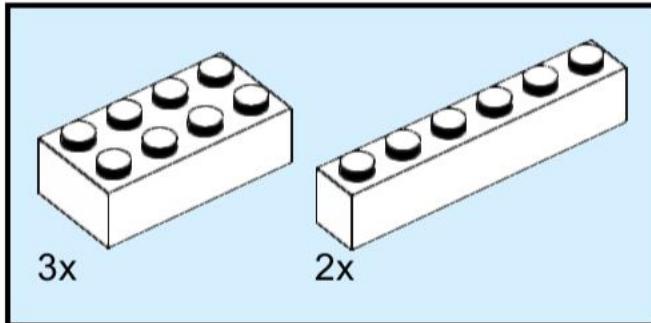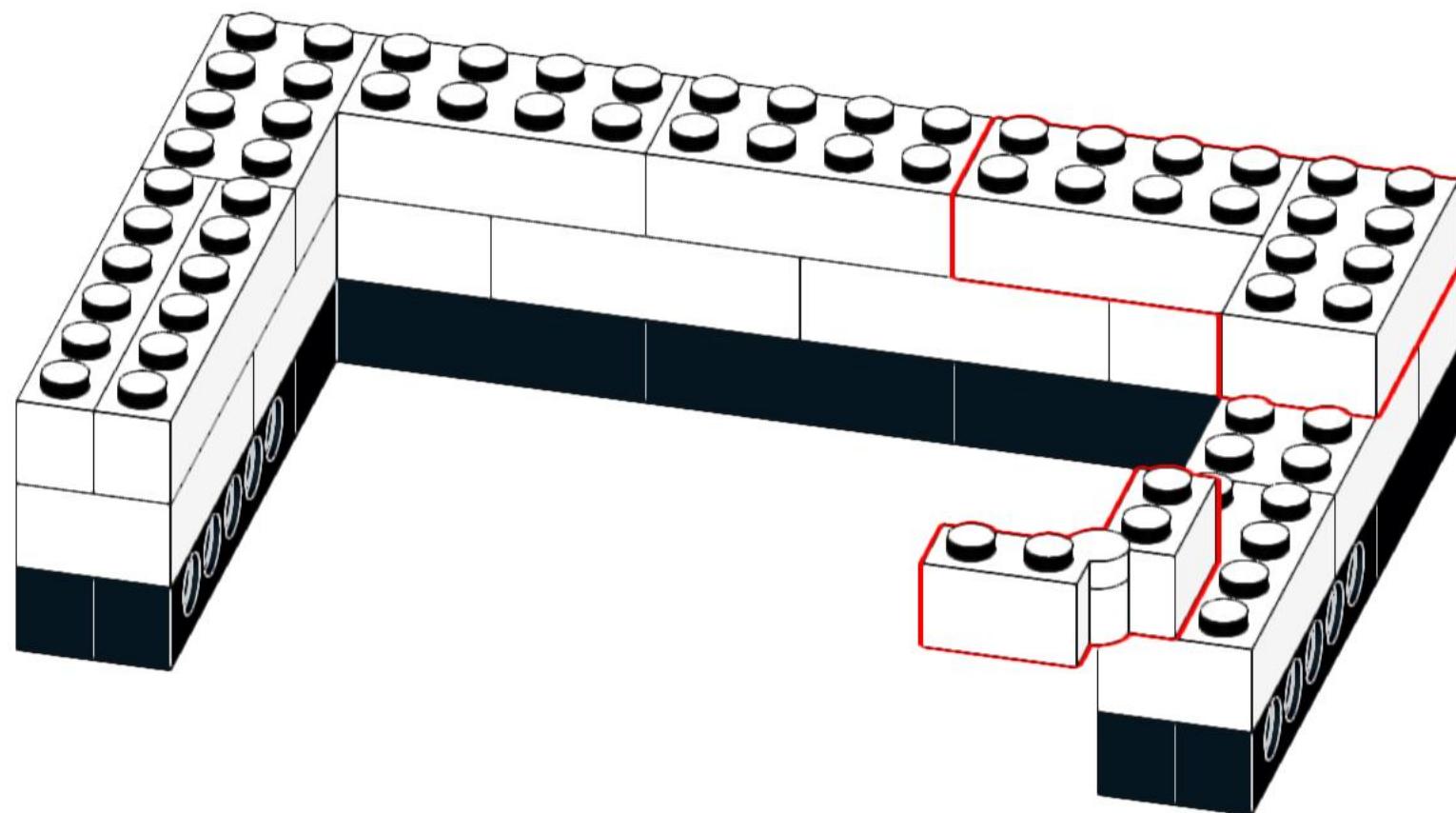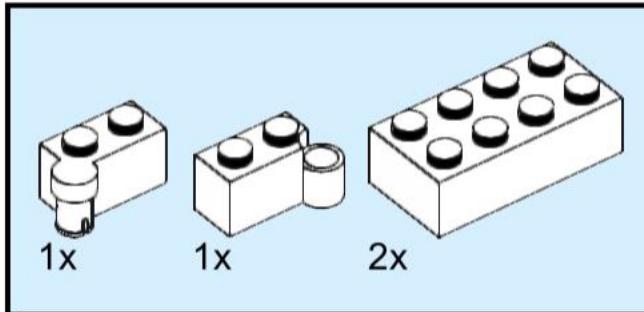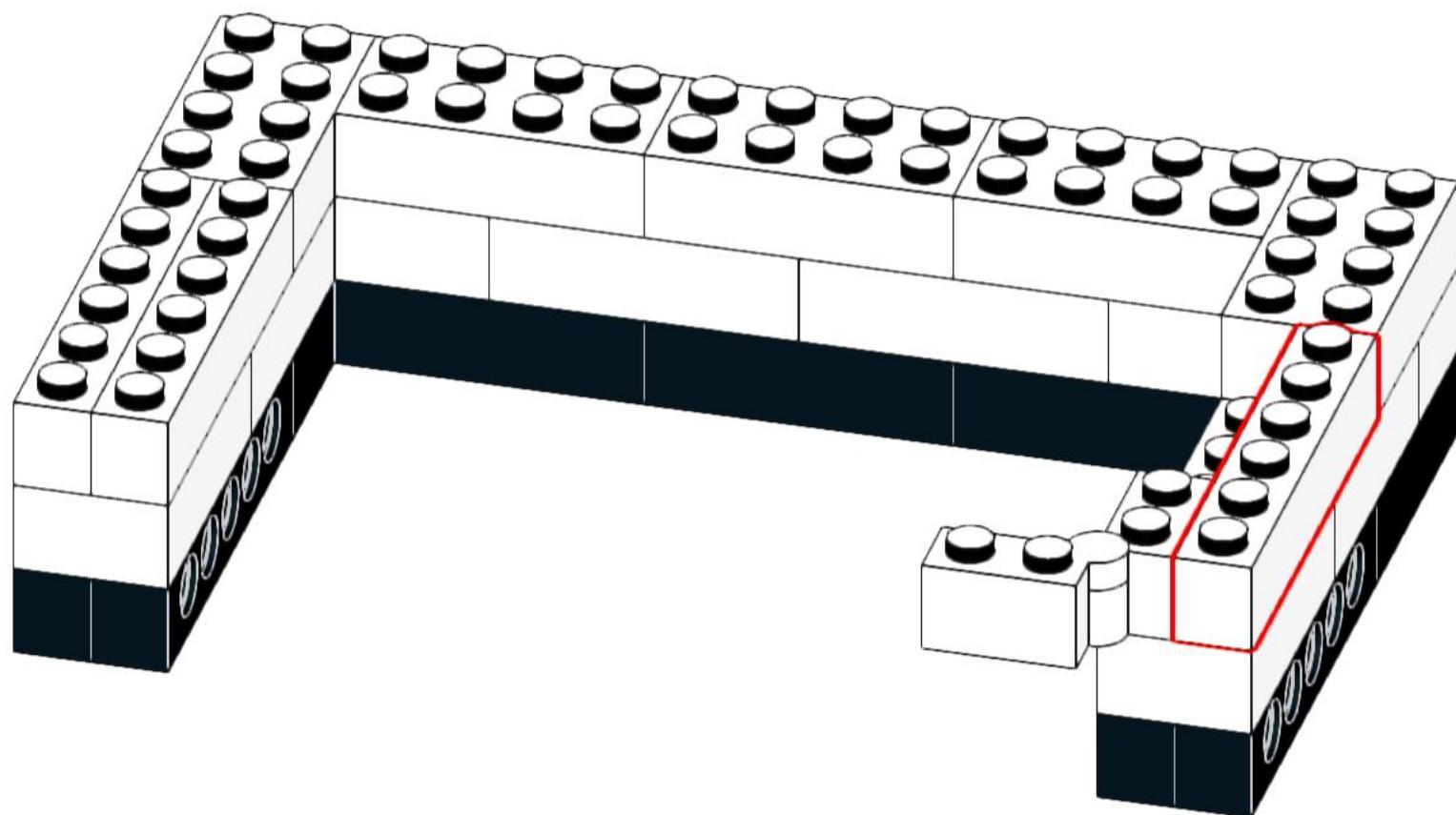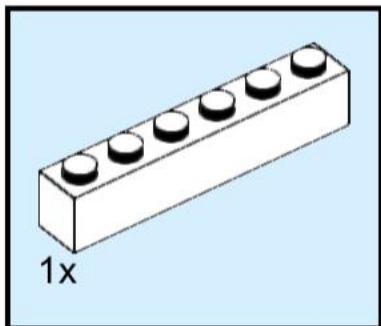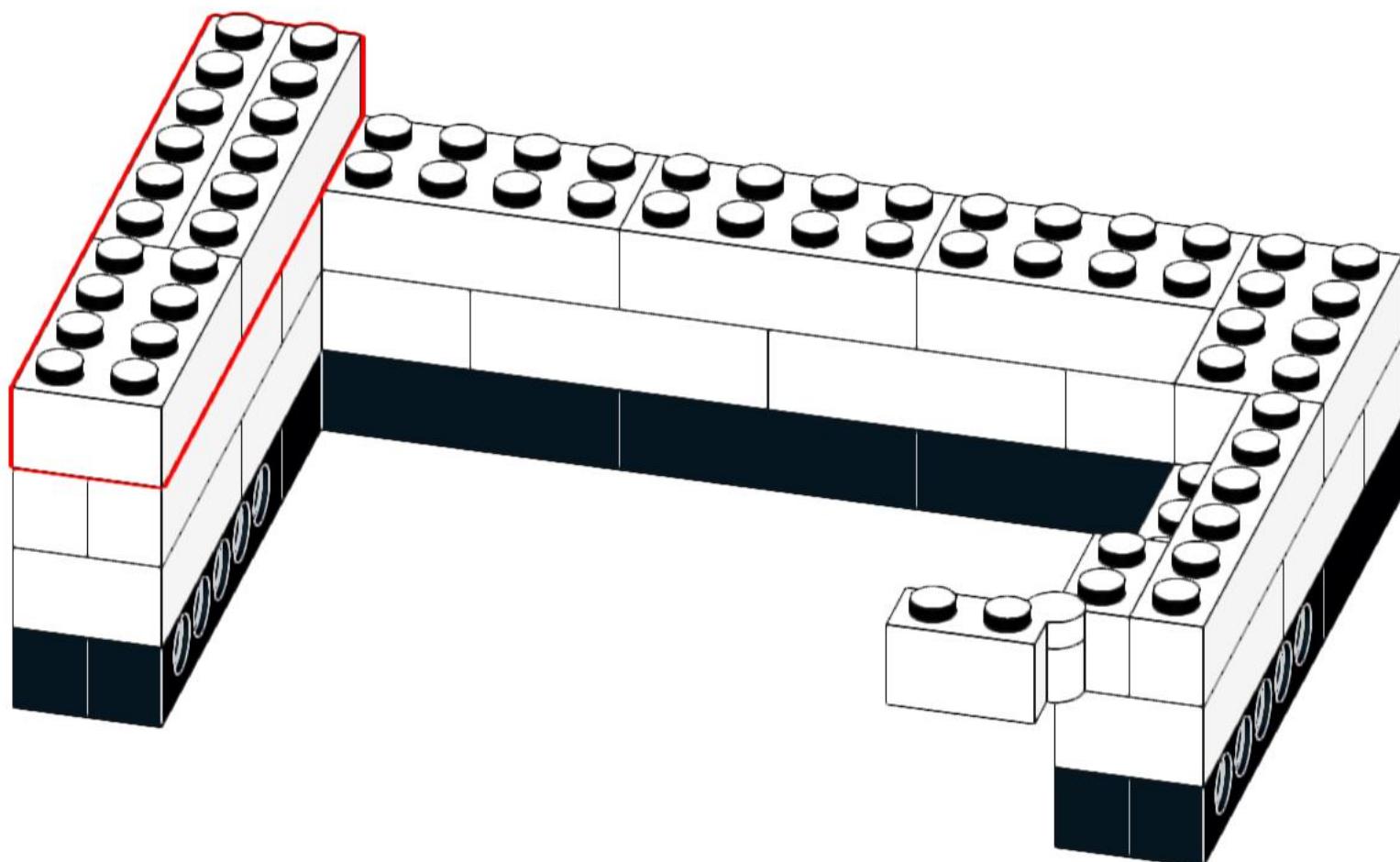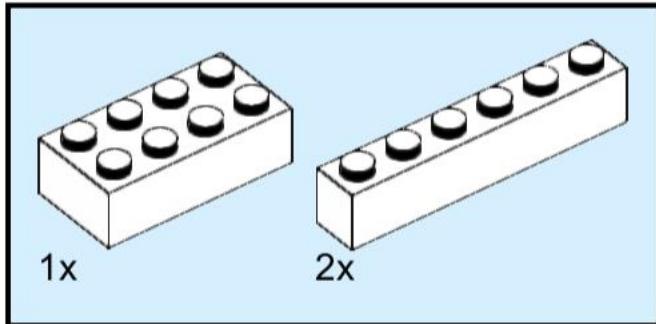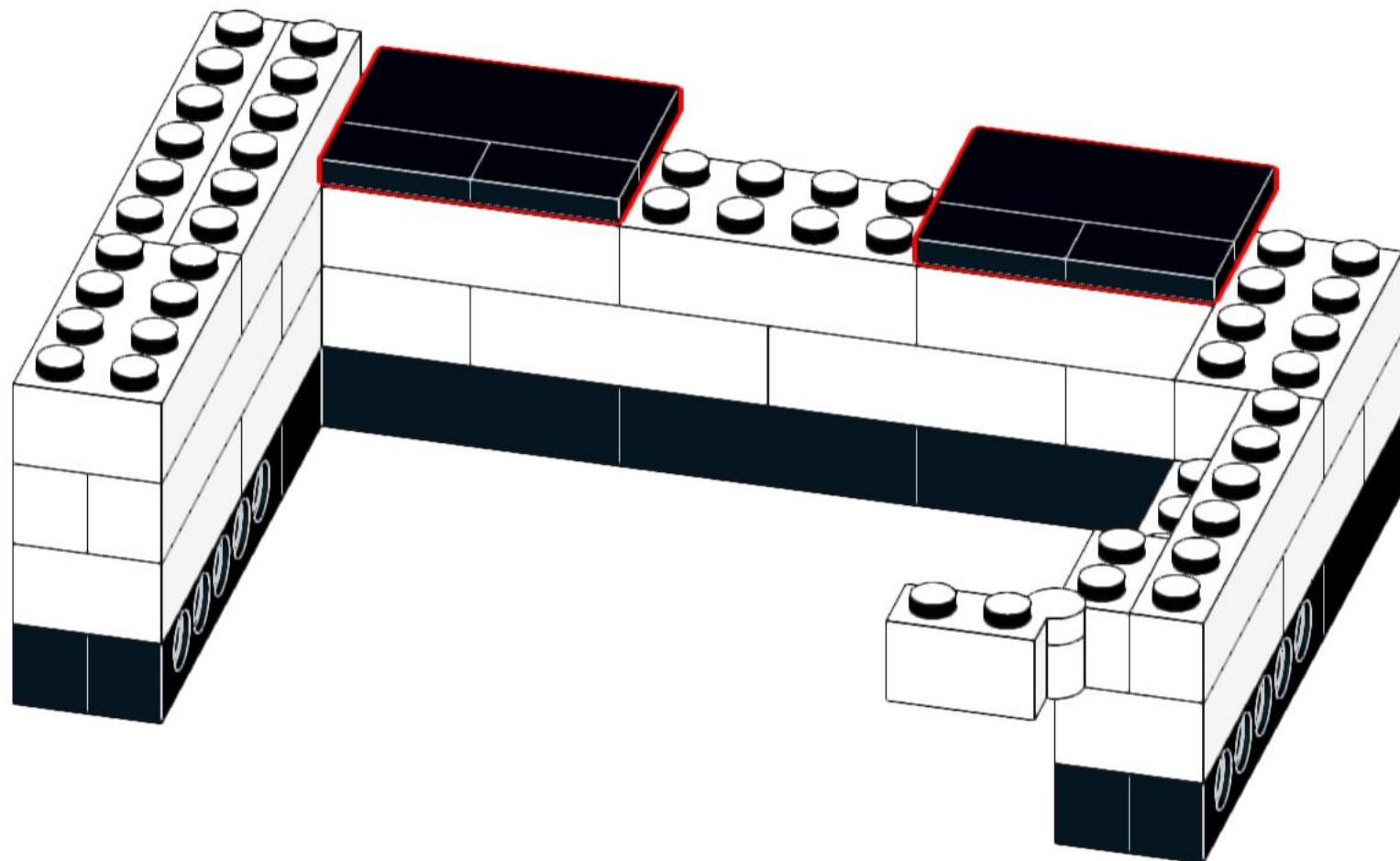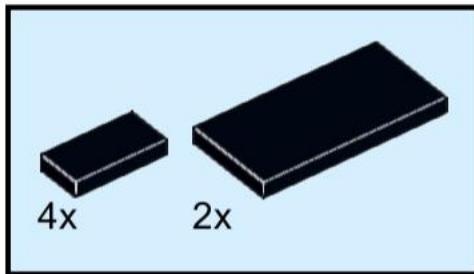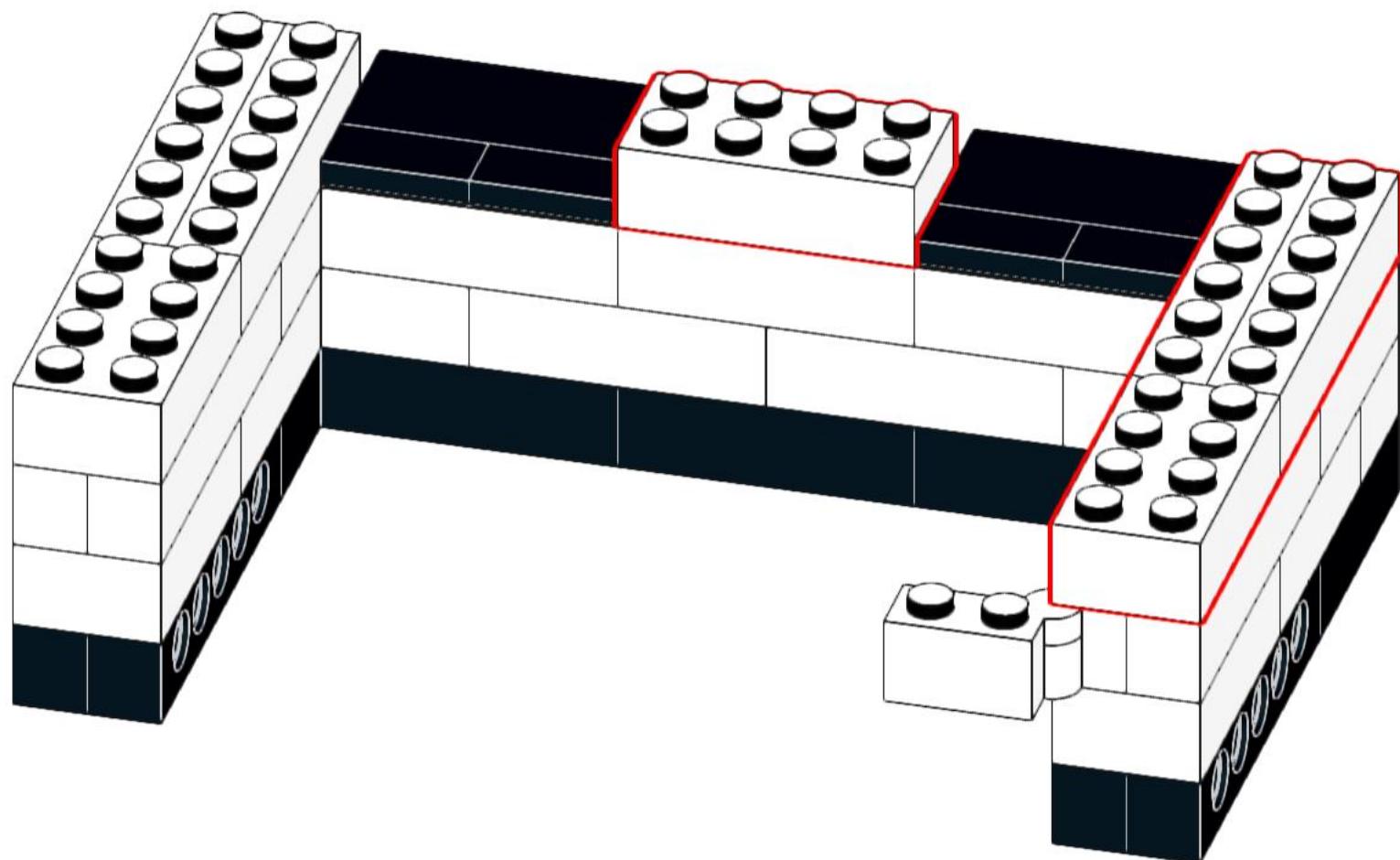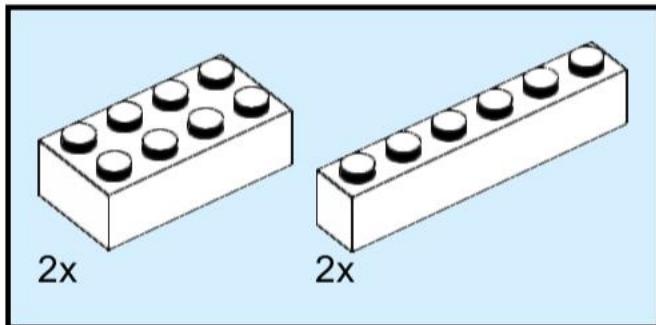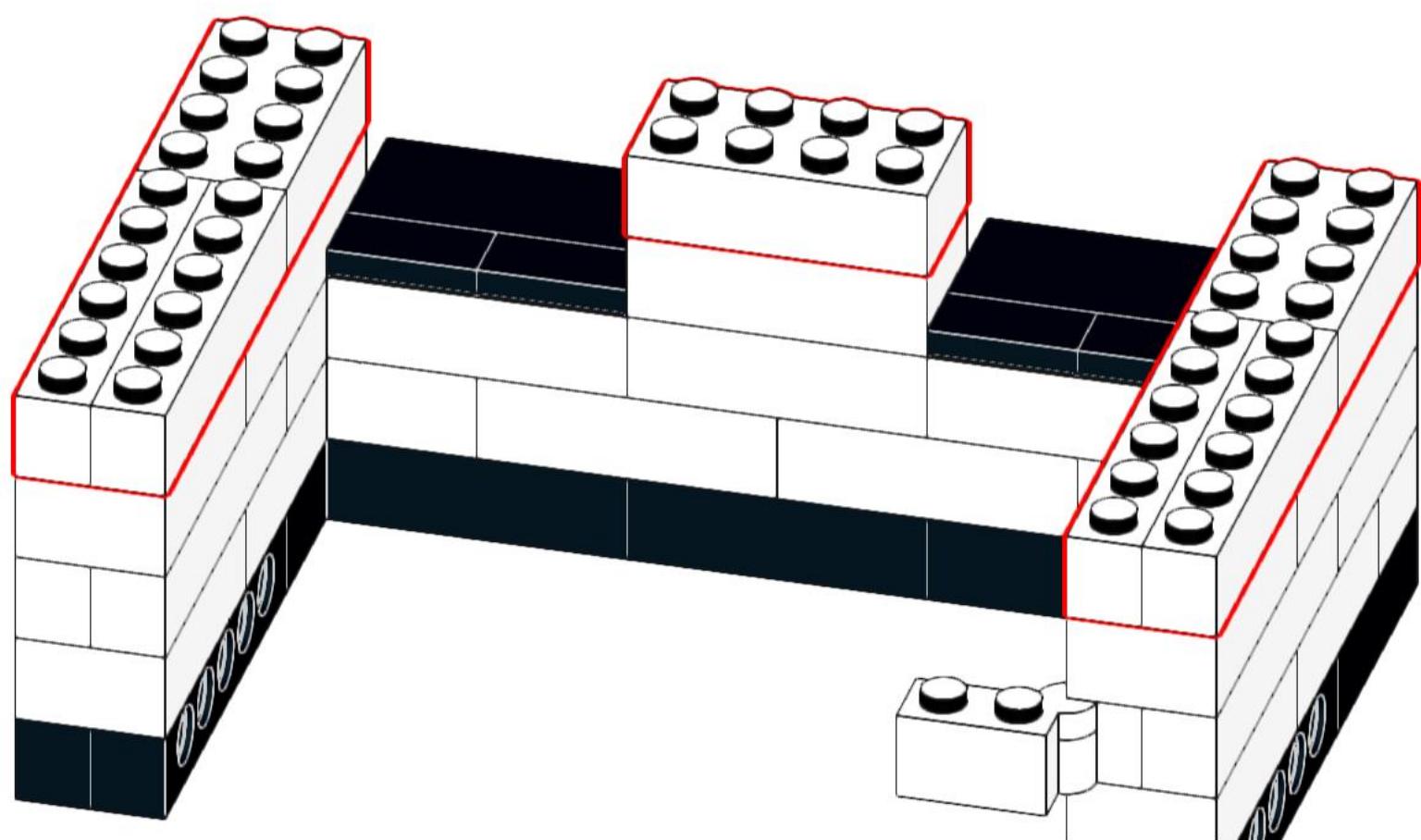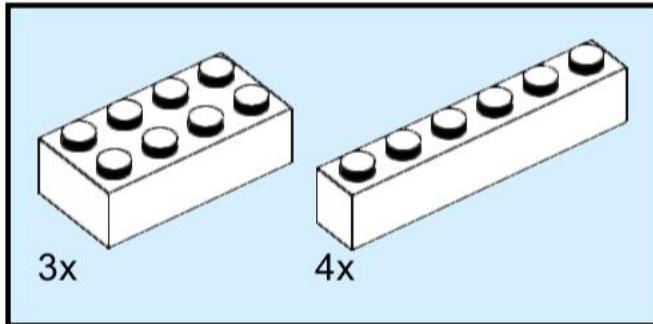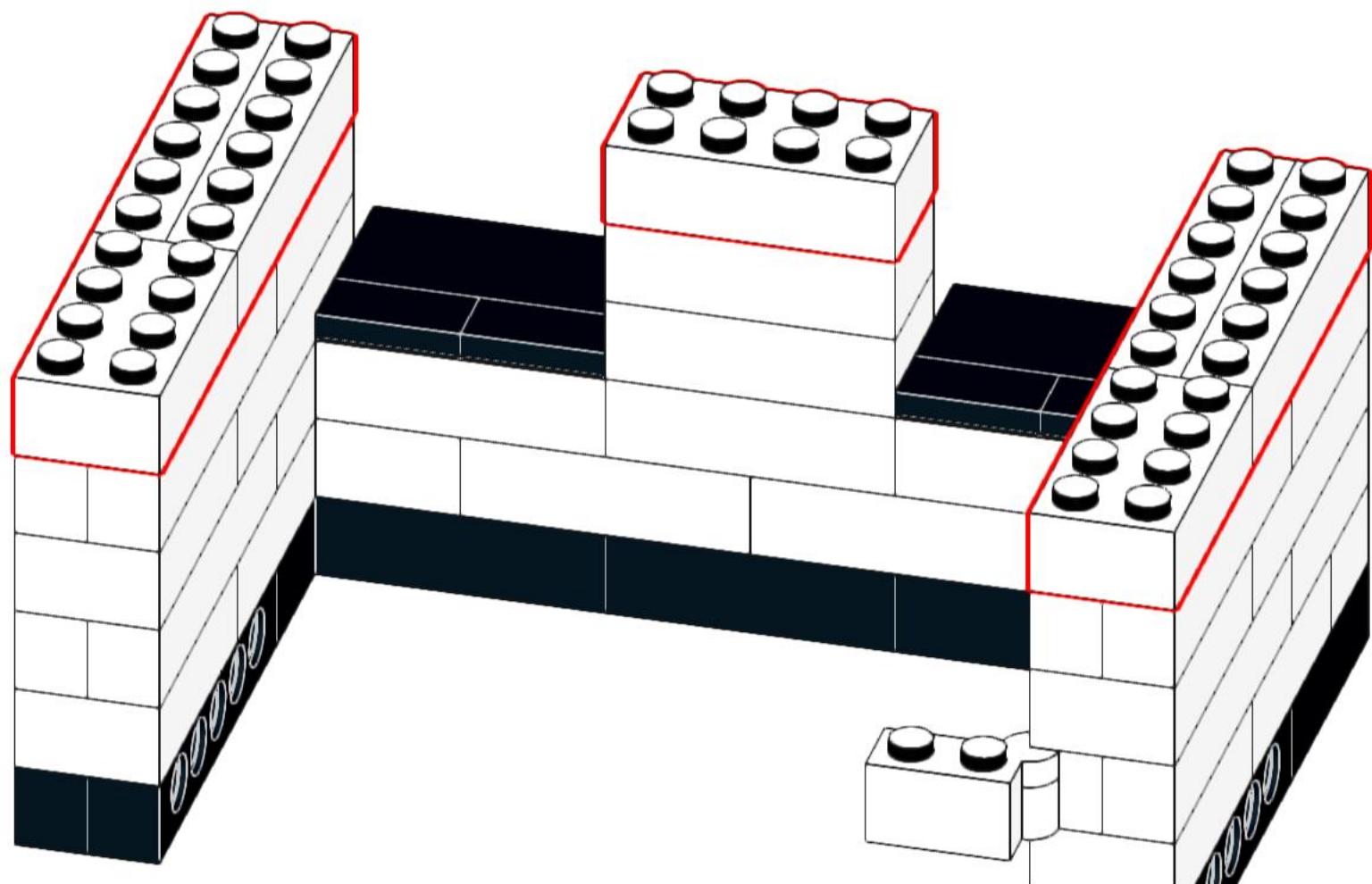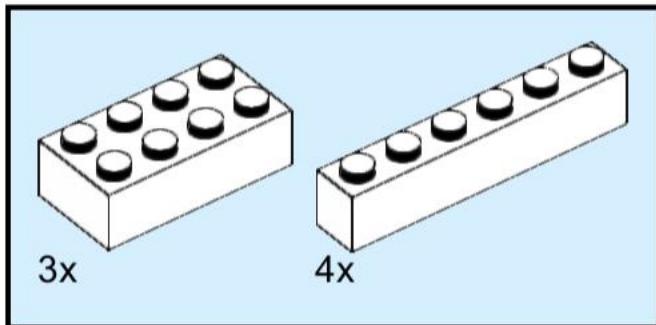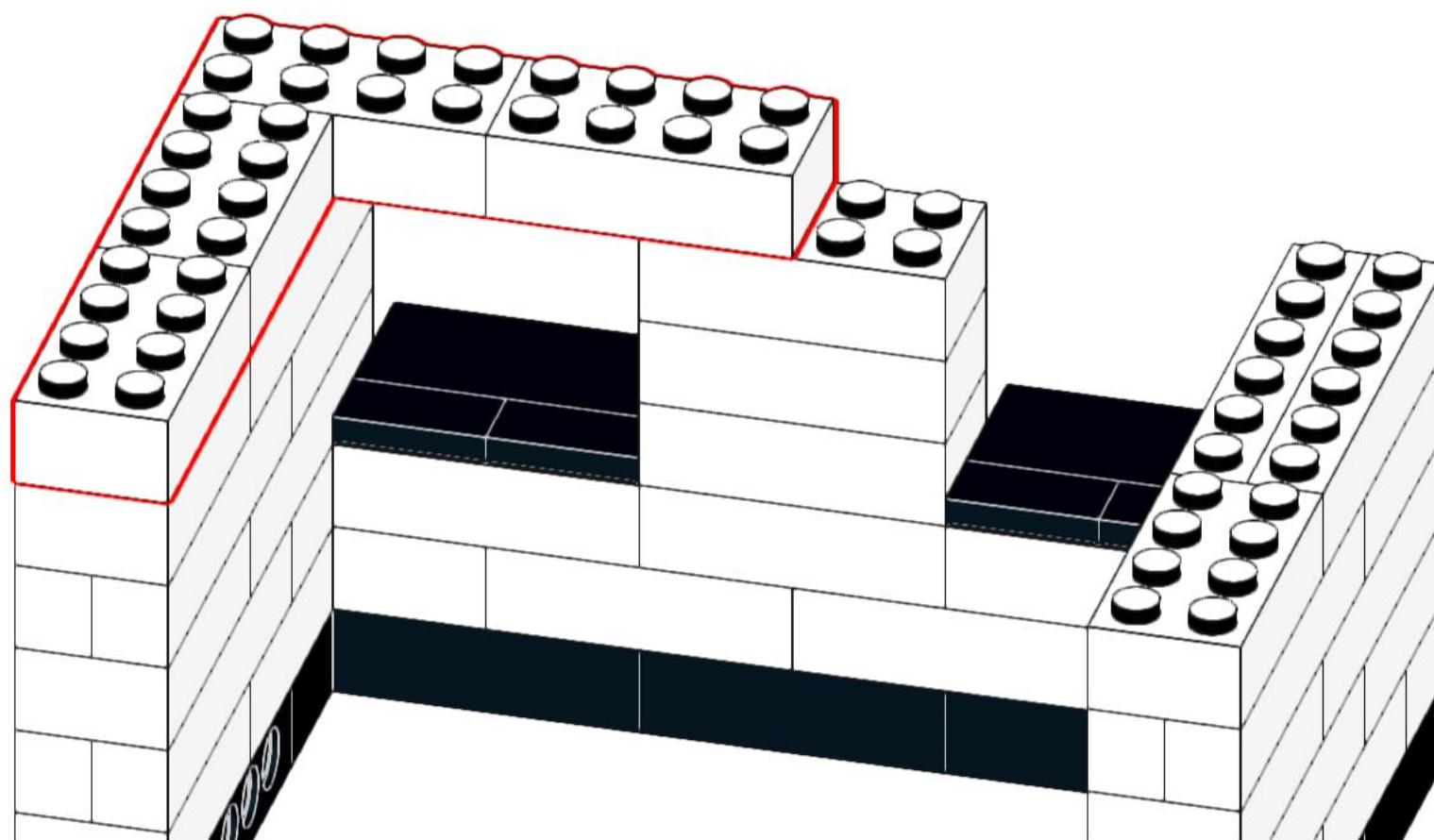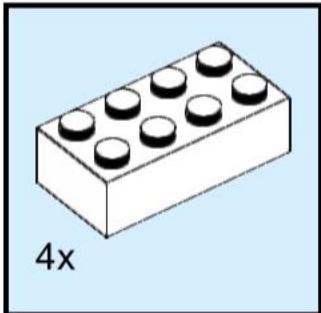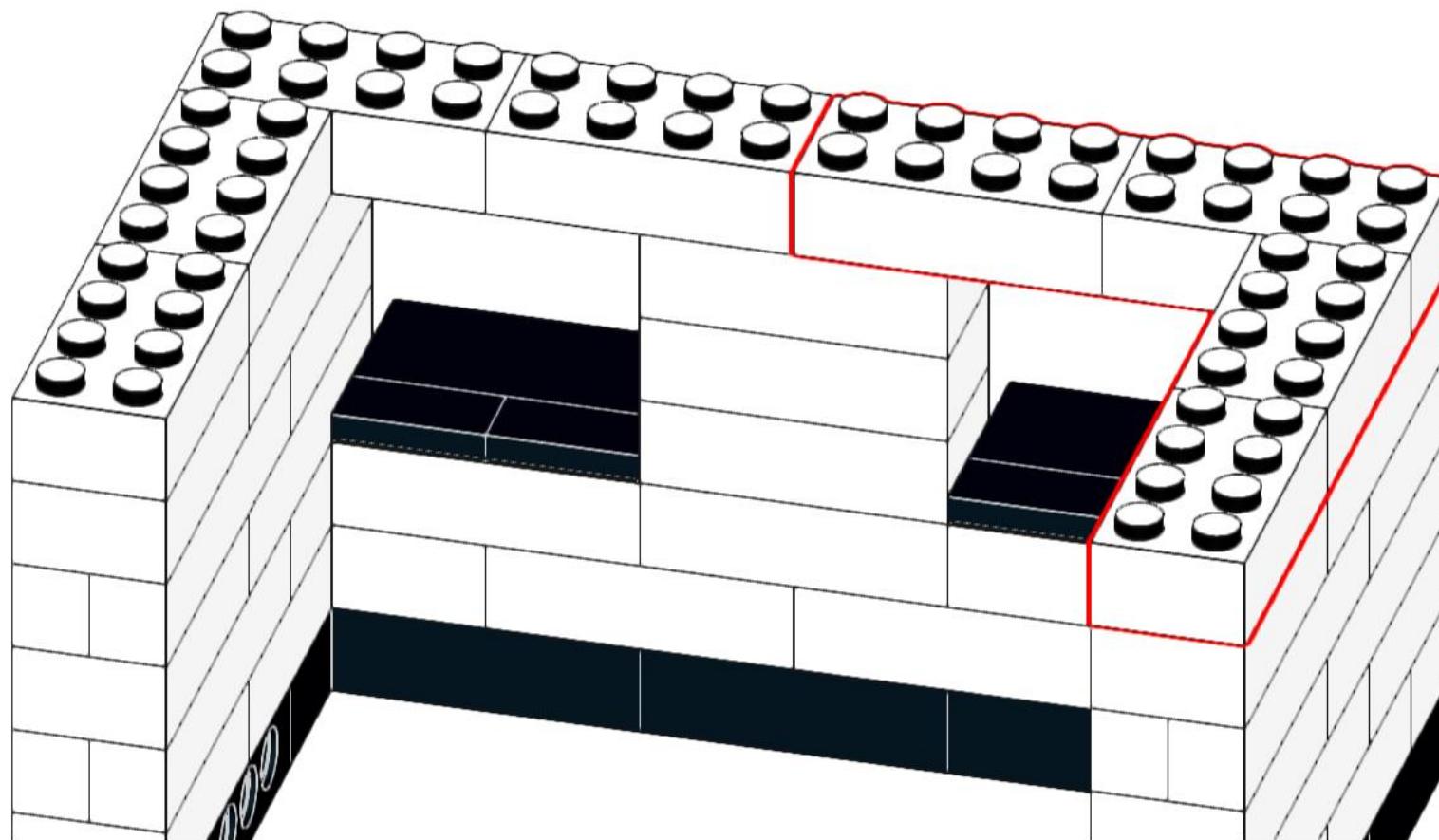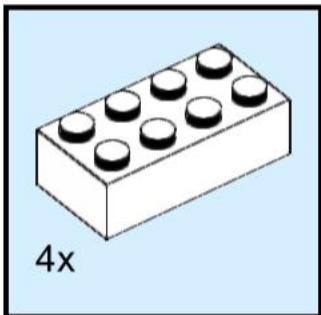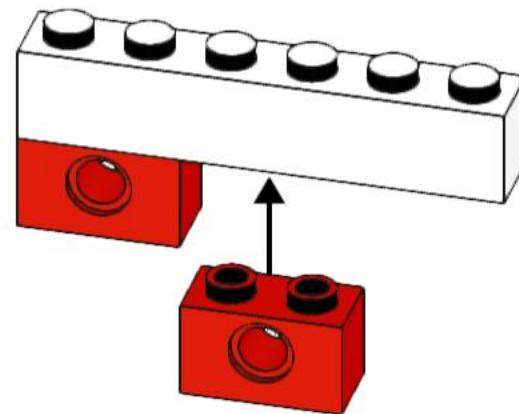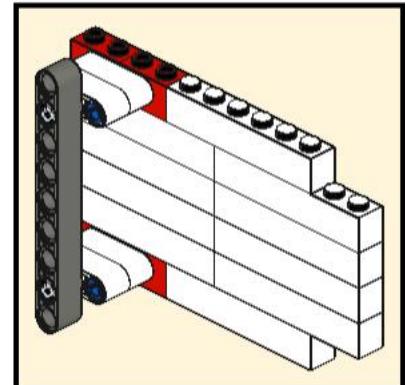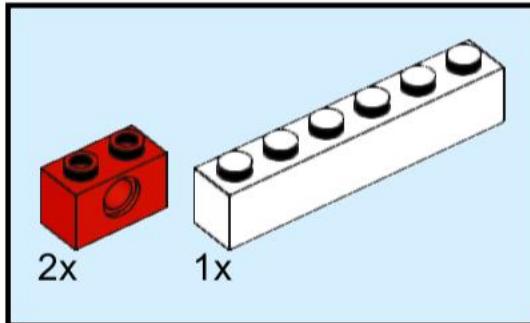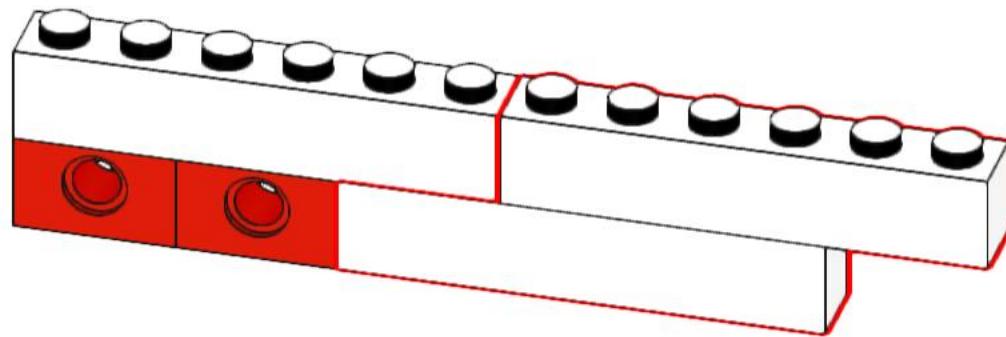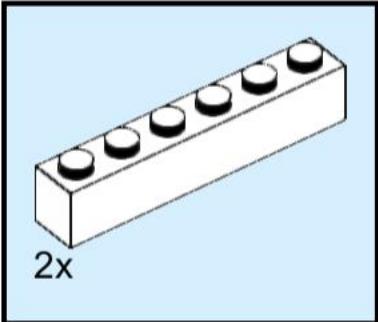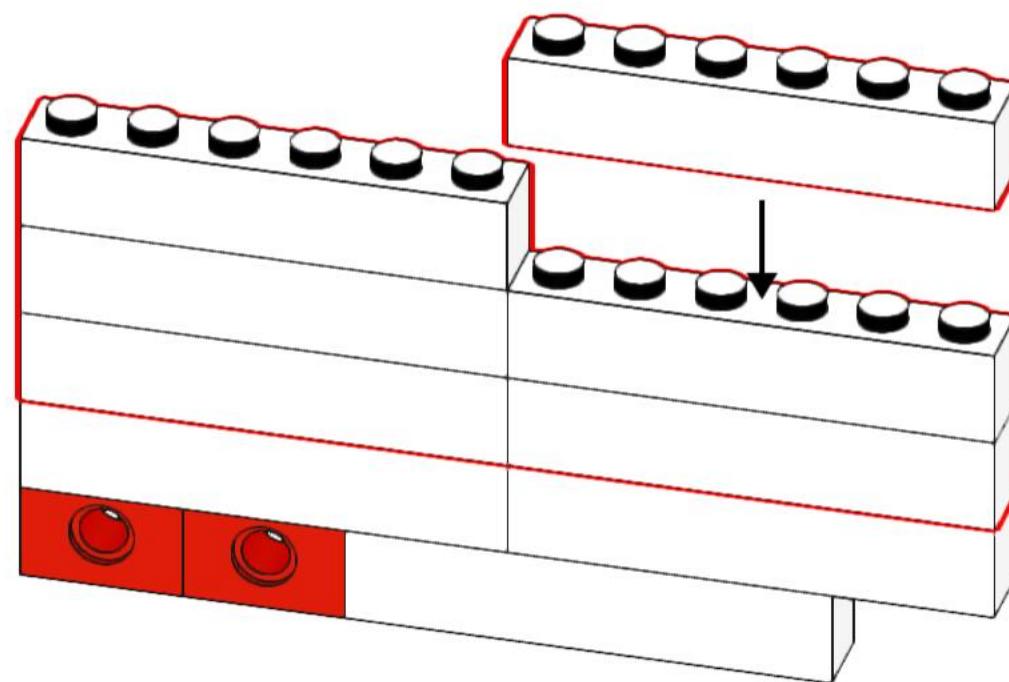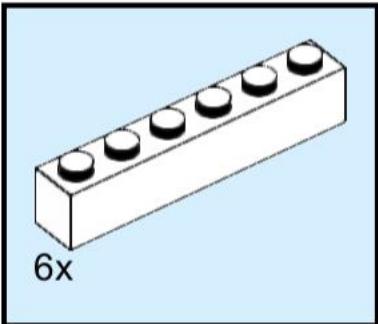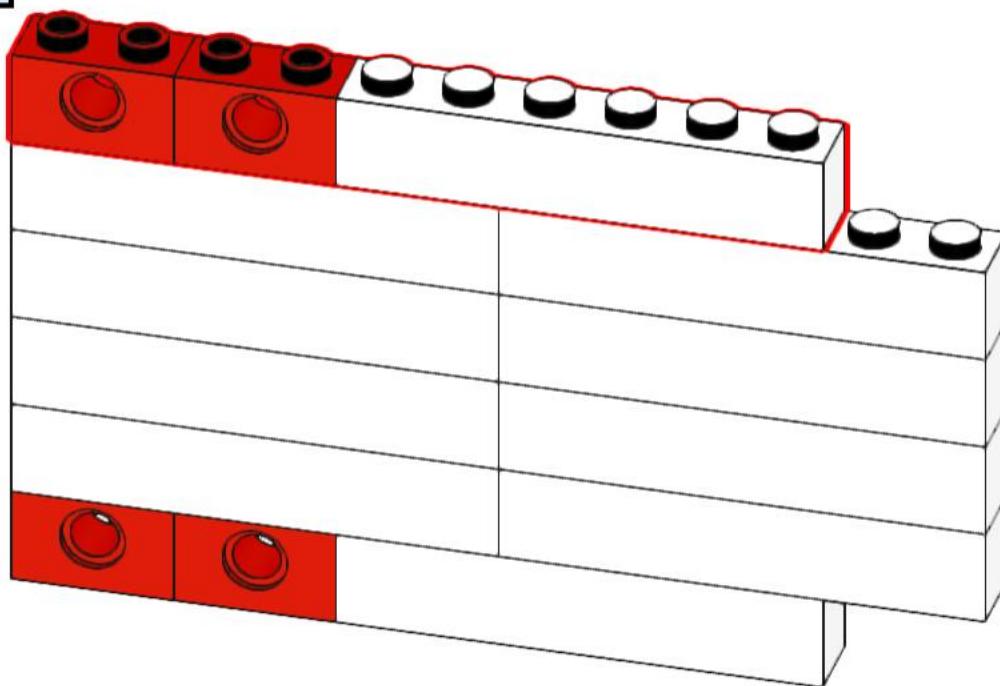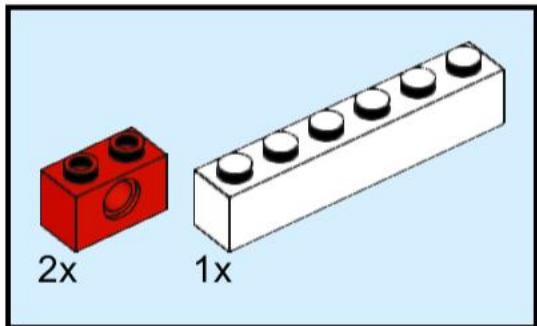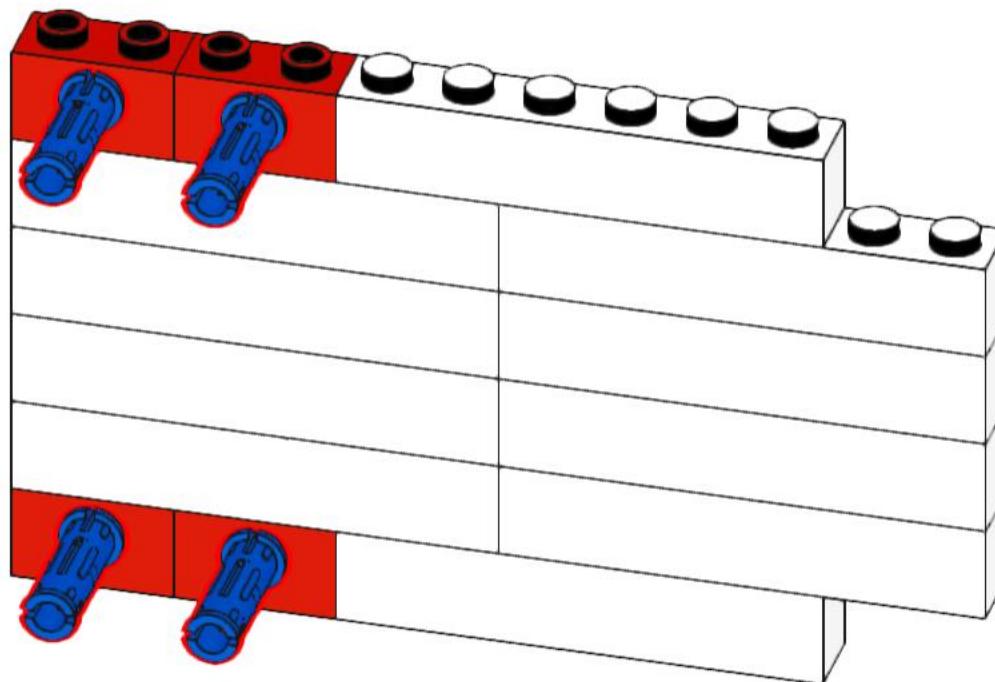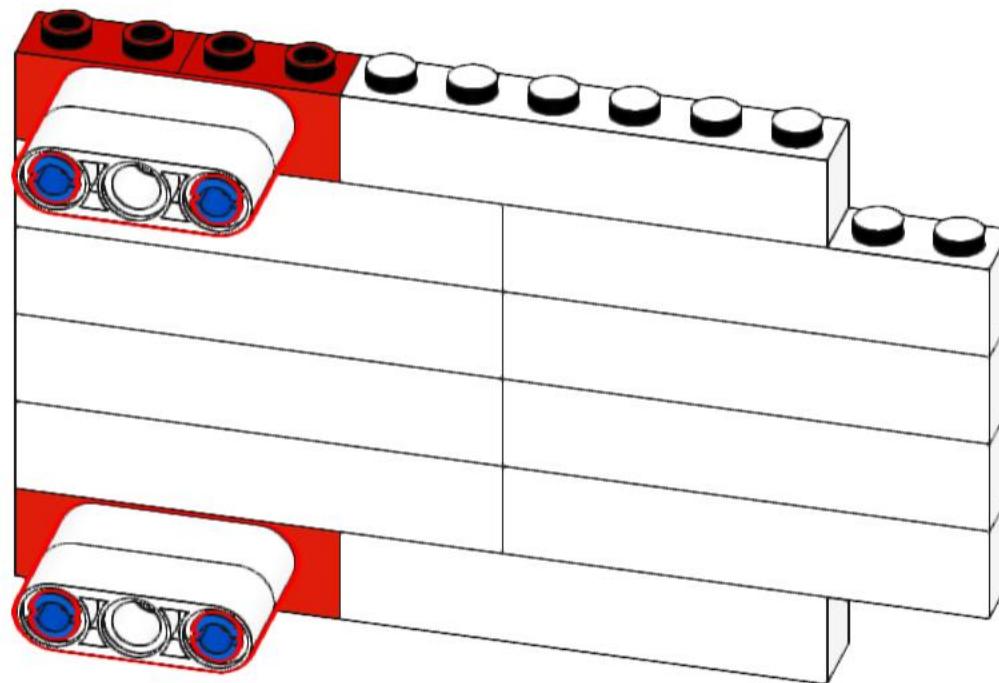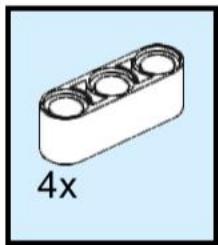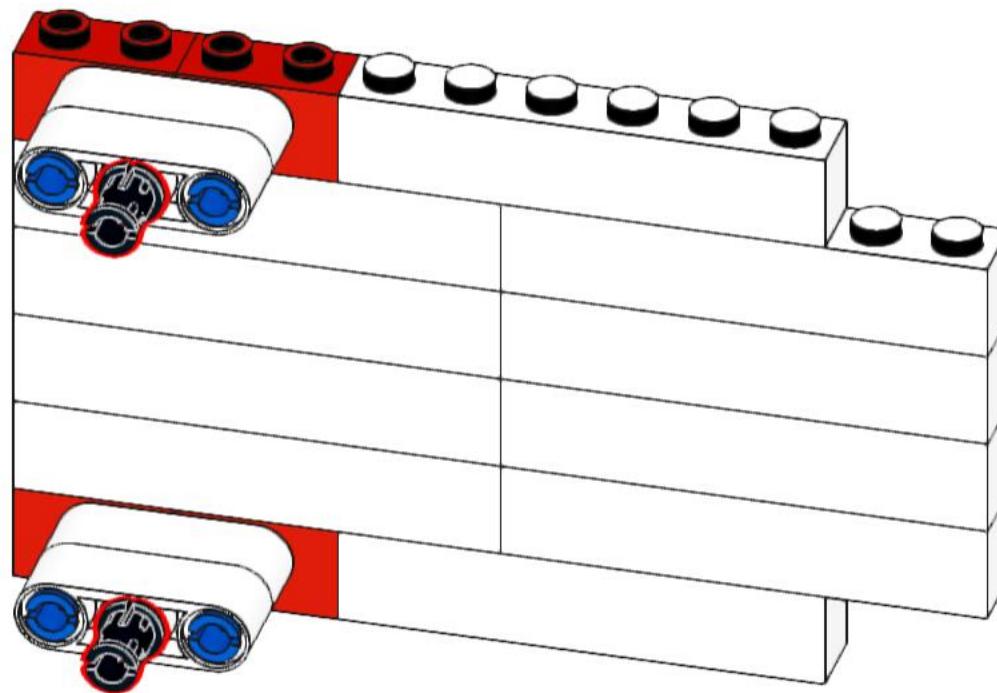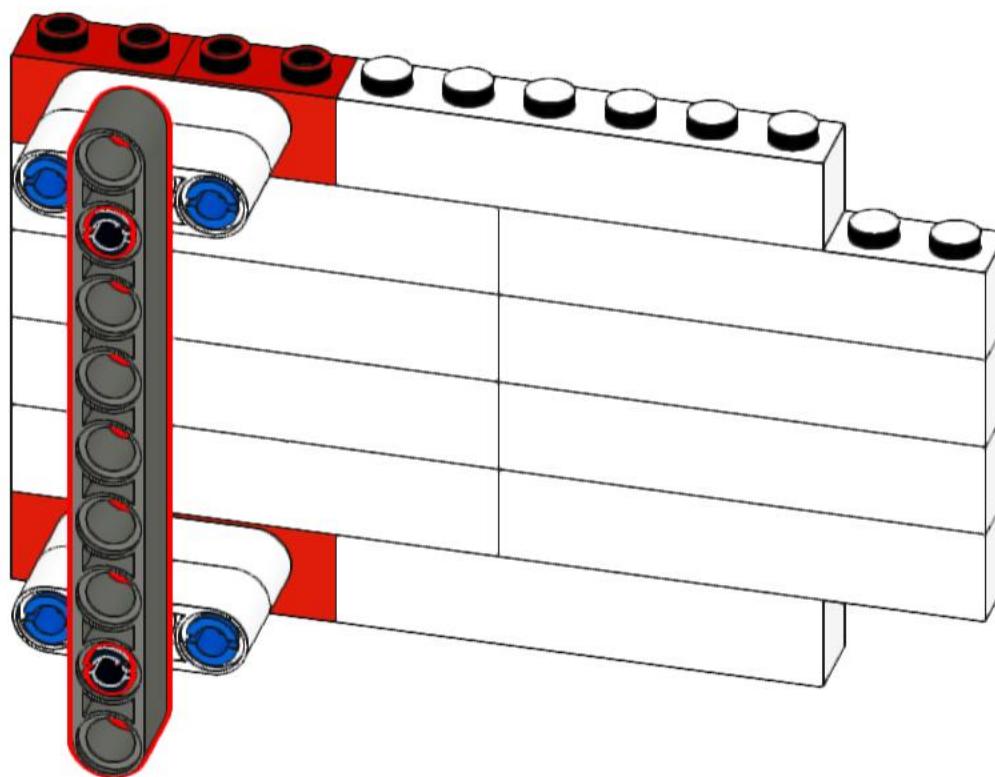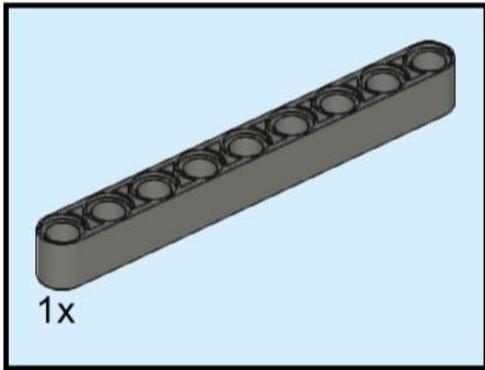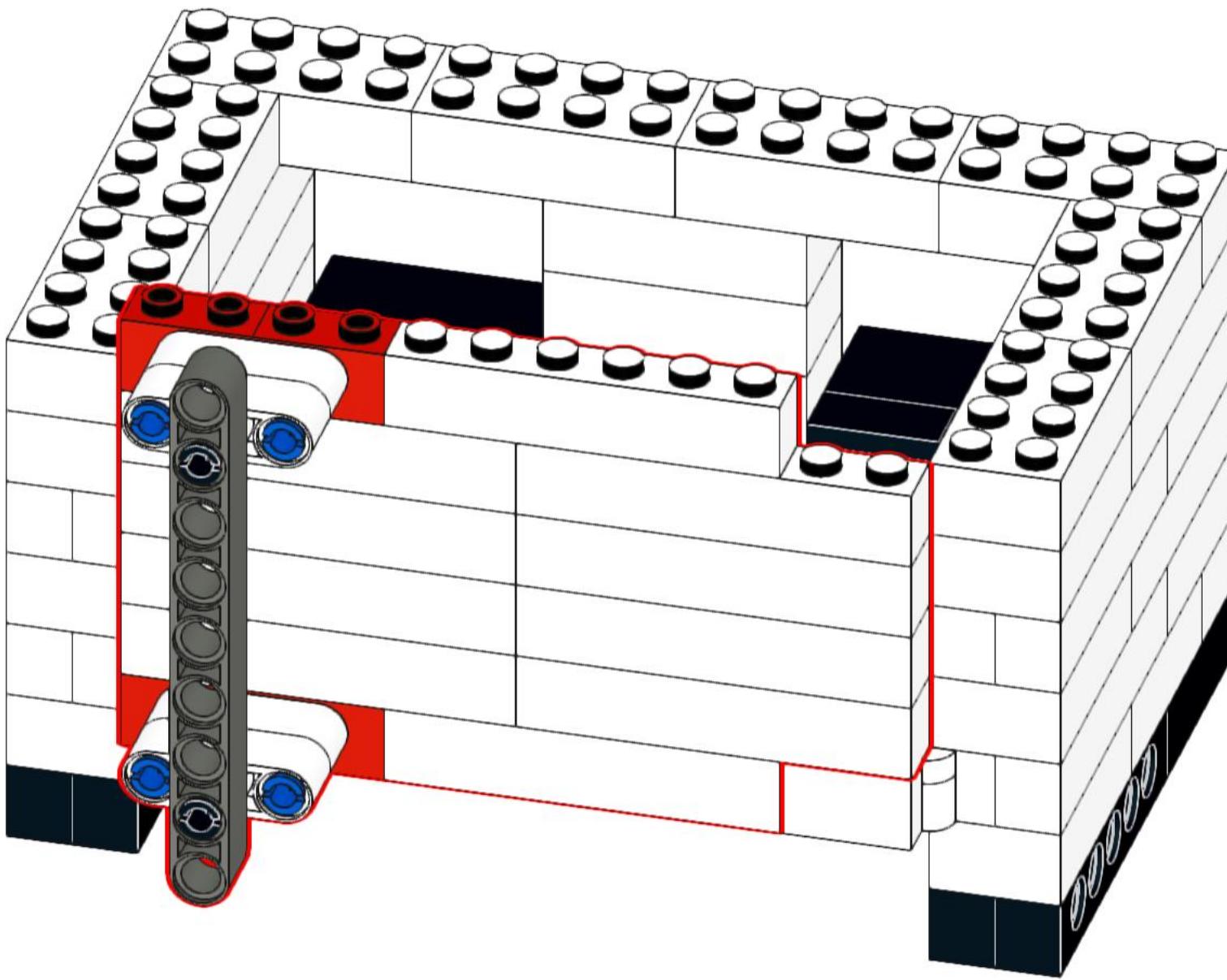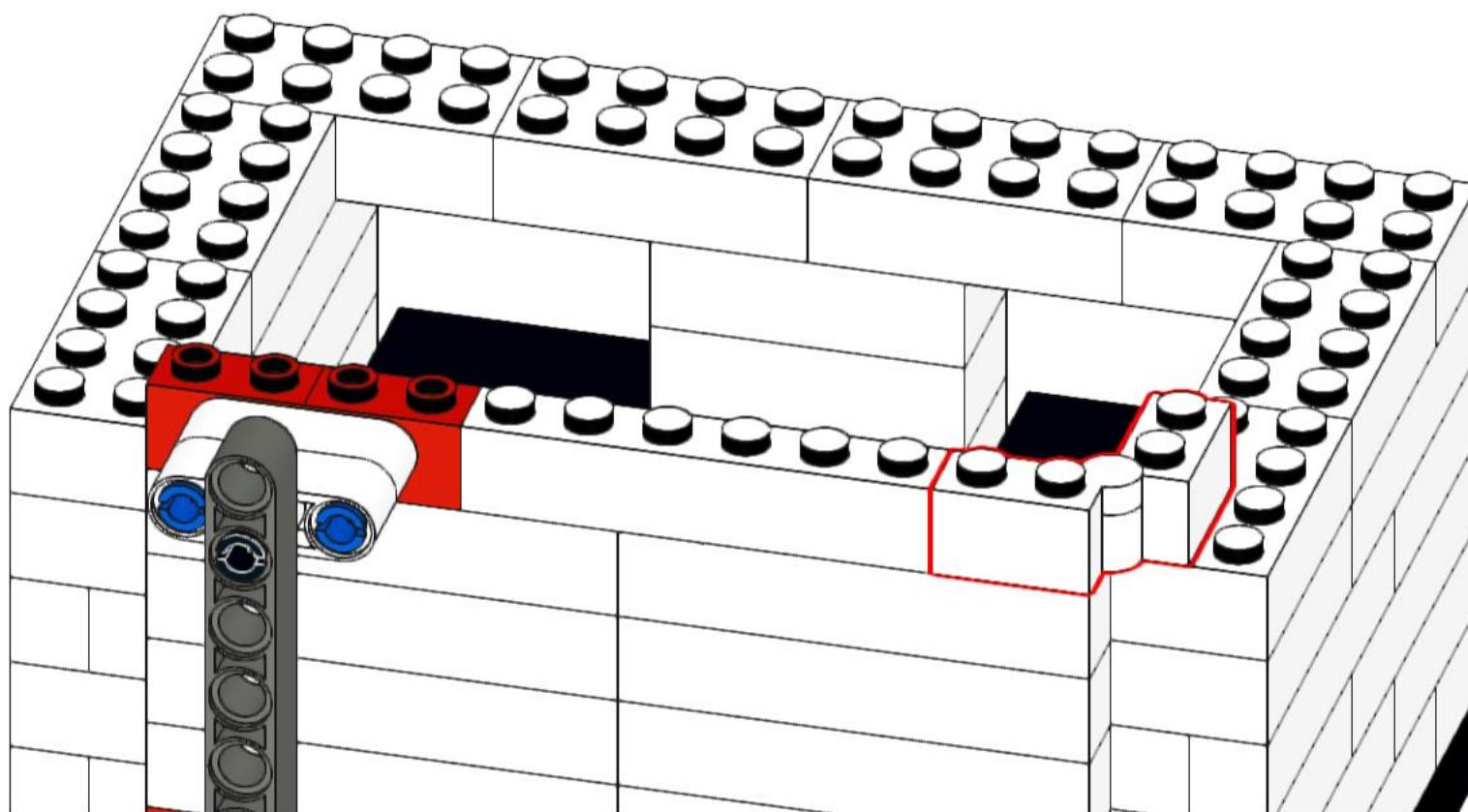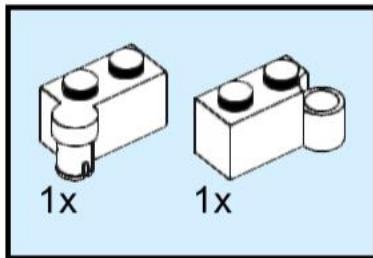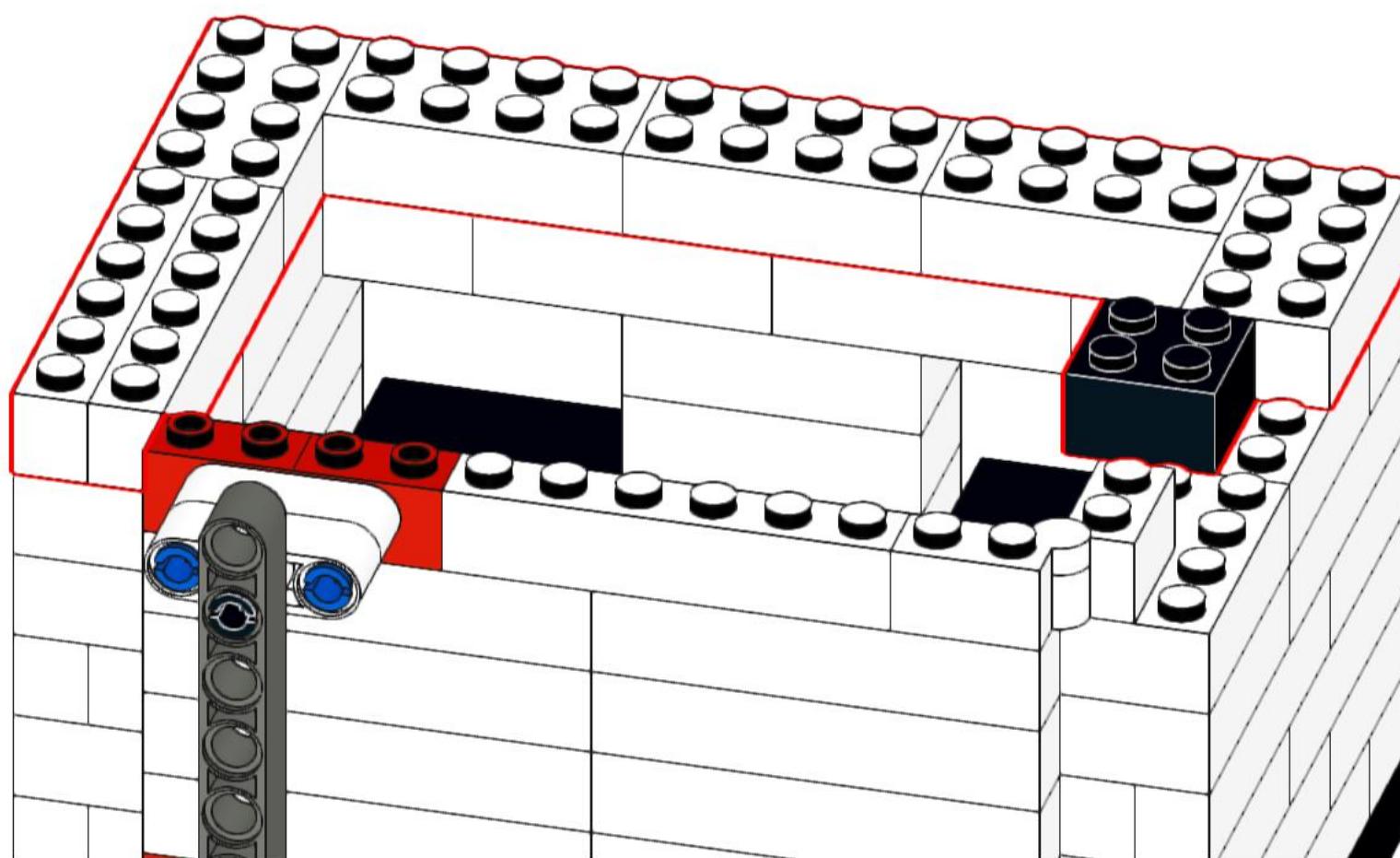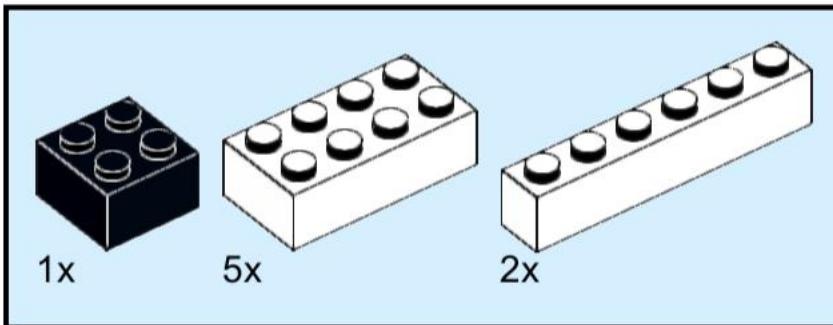
1x 2x

2

1x   2x   2x

3

1x   2x

4

1x   1x

5

1x 2x

6

1x

3x

2x

8

1x   1x   2x

9

1x

10

11

4x   2x

12

2x   2x

13

3x   4x

14

3x 4x

15

4x

16

4x

17

18

2x

19

6x

20

21

4x

22

4x

23

24

1x

25

26

1x 1x

27

1x   5x   2x

28

29

30

31

2x

32

2x

33

1x

34

35

3x

36

37

3x

38

3x

39

40

41

3x

42

3x

43

2x

44

1x **4x**

1

2

45

2x 3x

46

3x

47

4x

48

3x

49

4x

50

51

4x

52

12x

53

2x
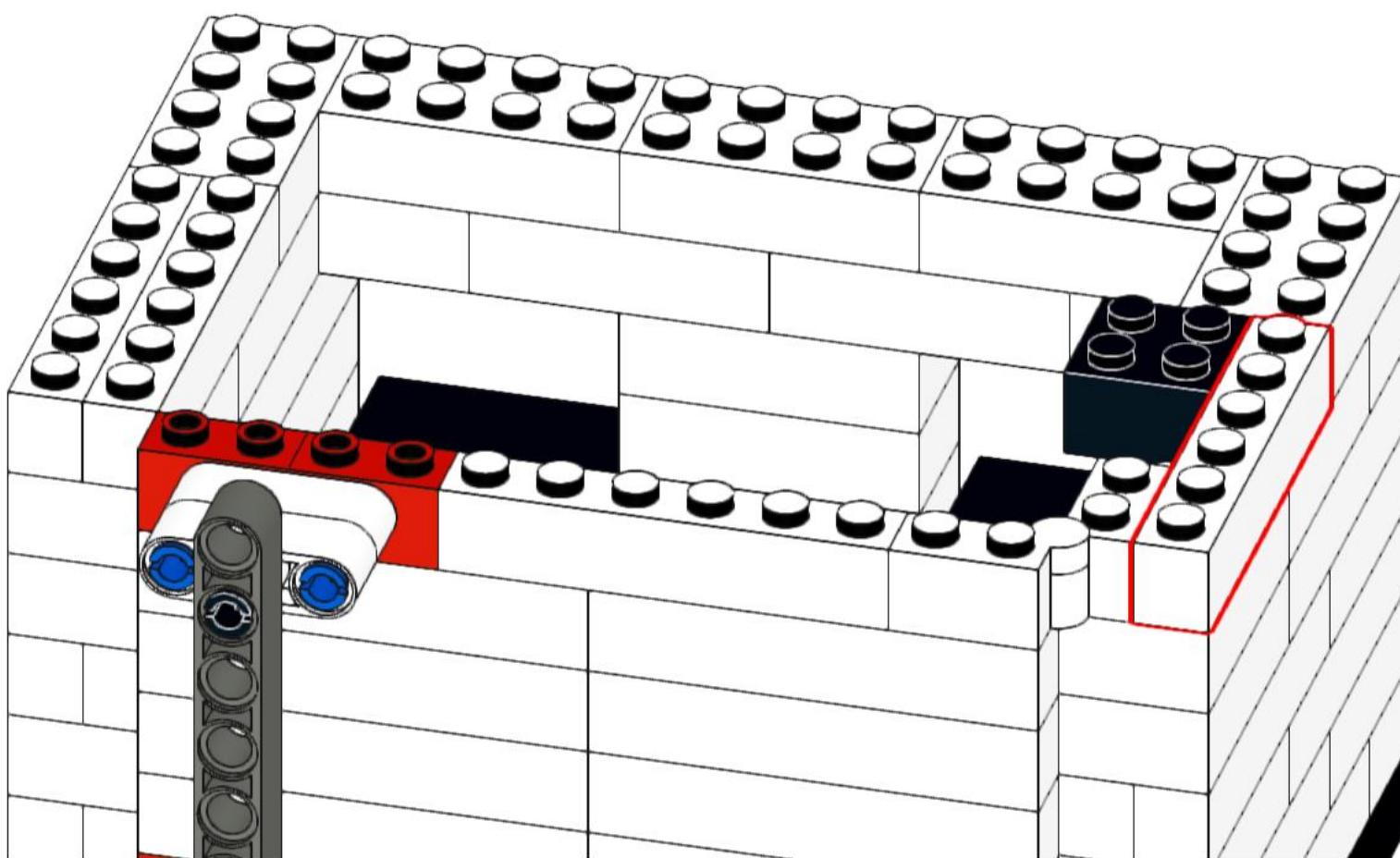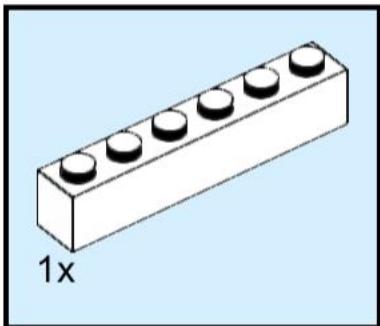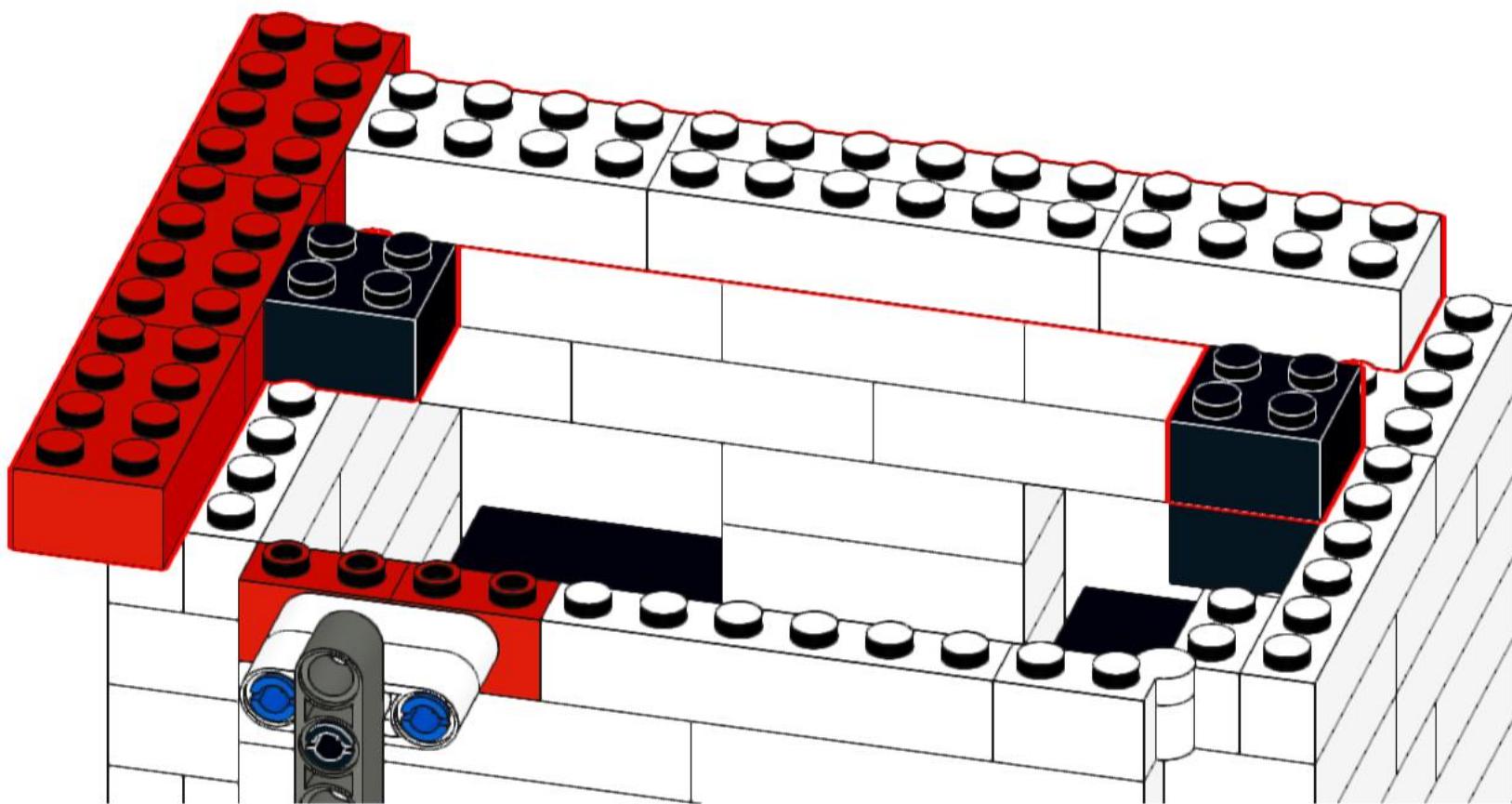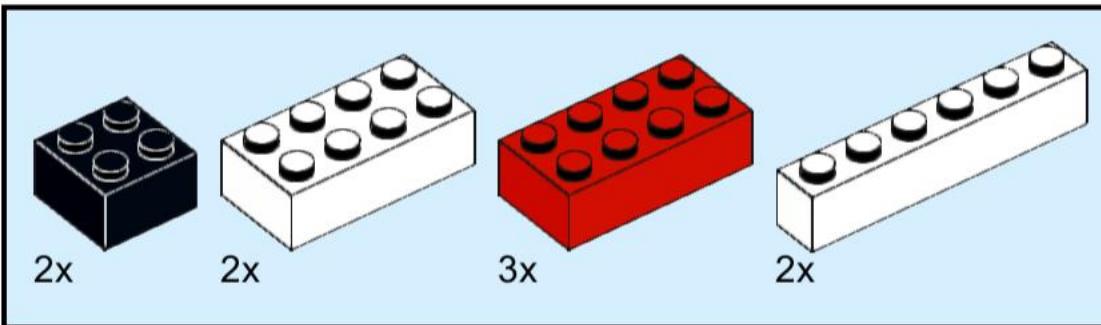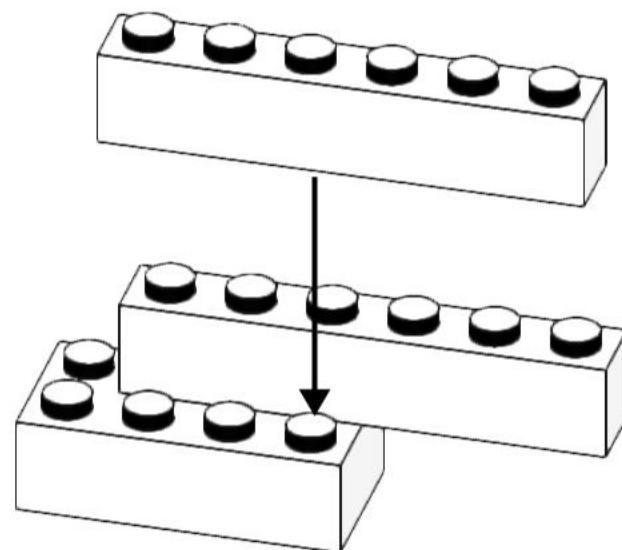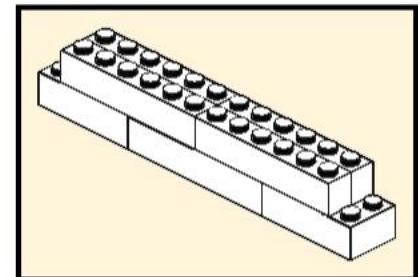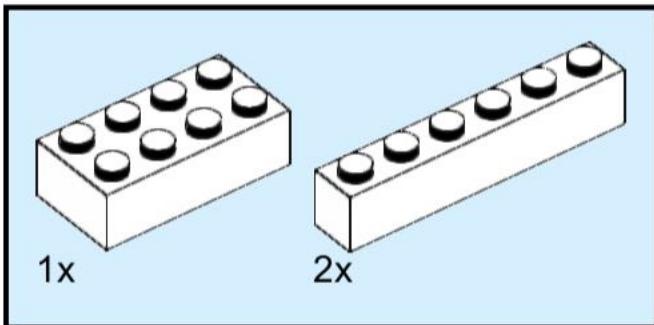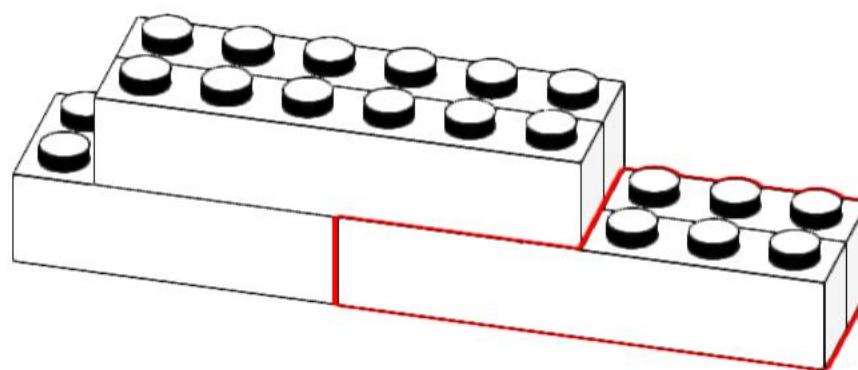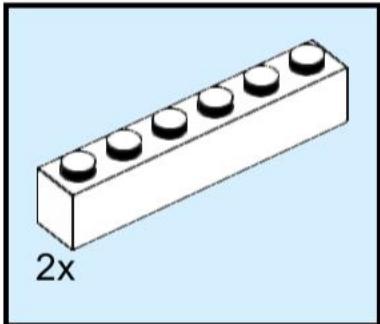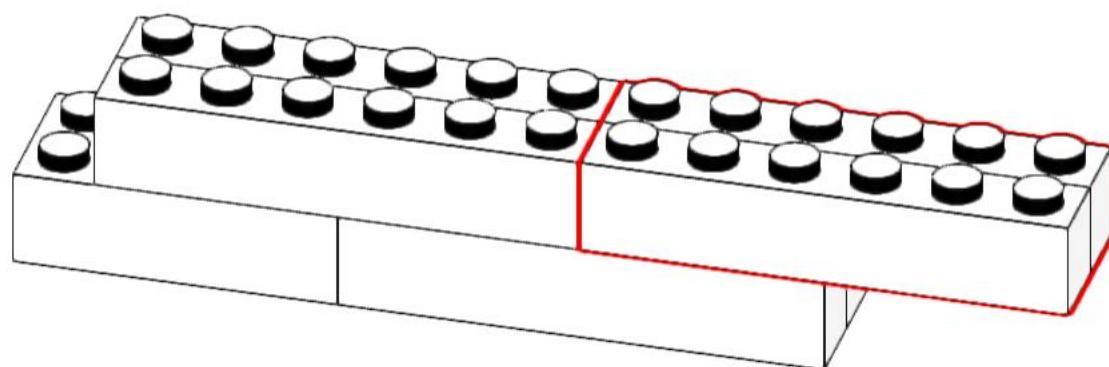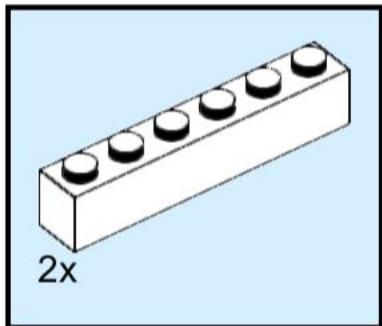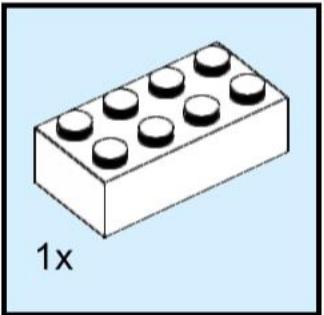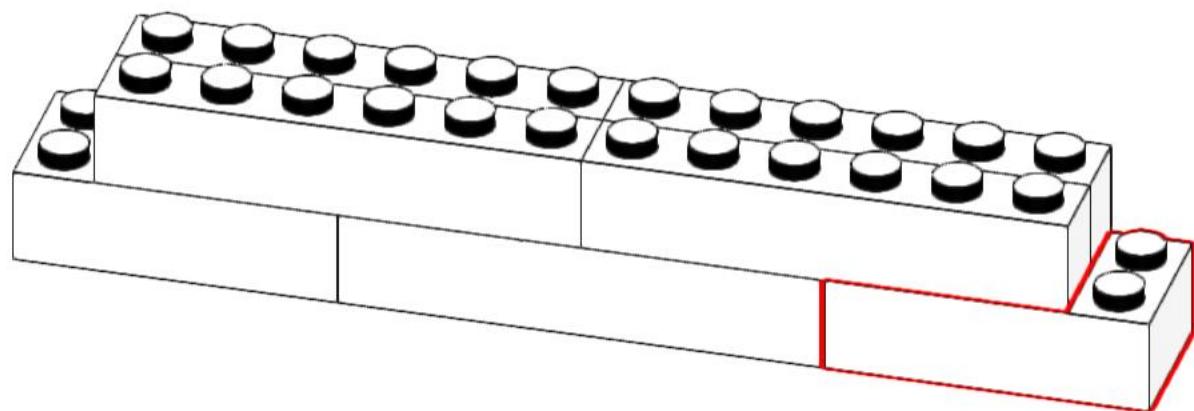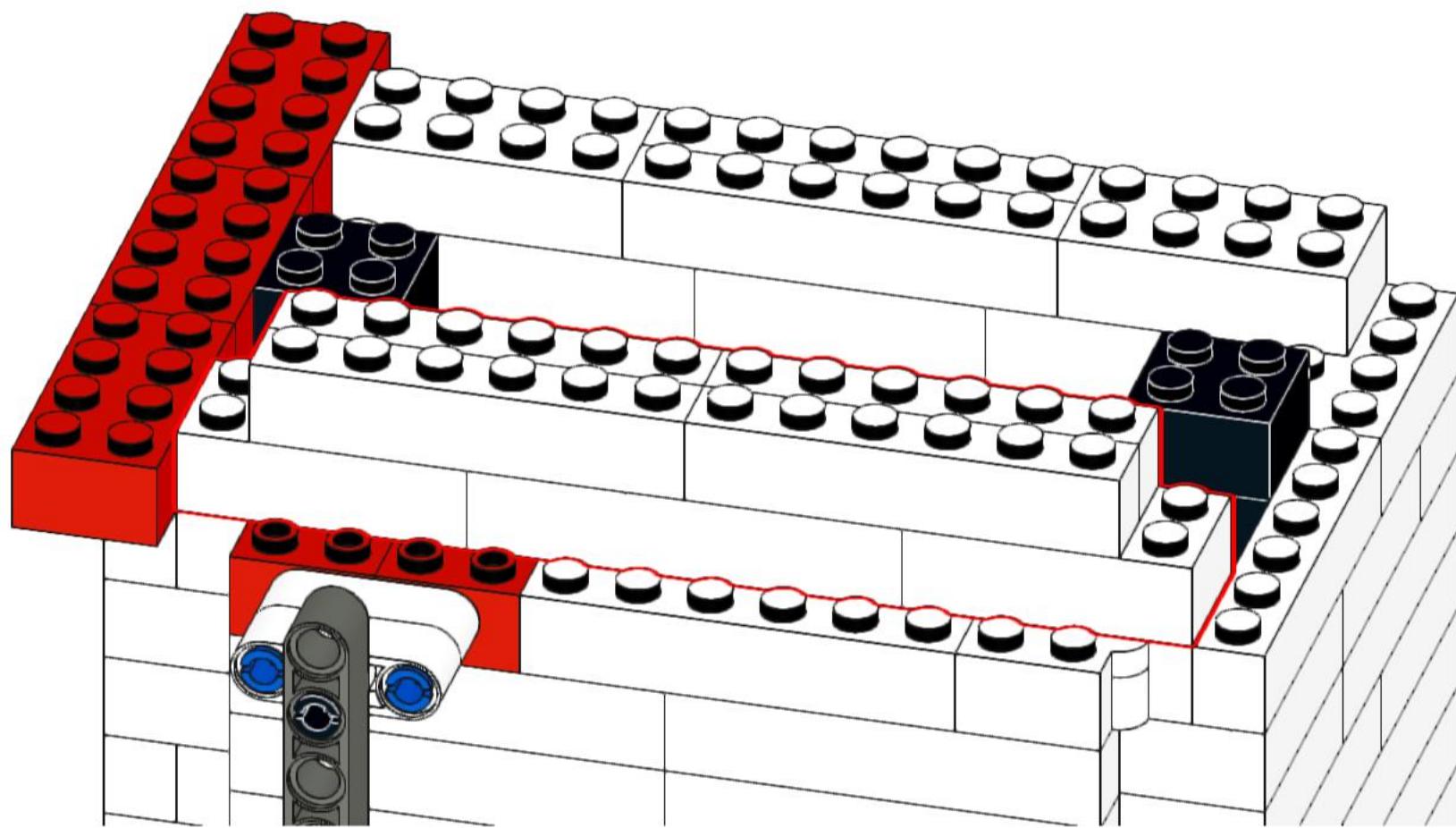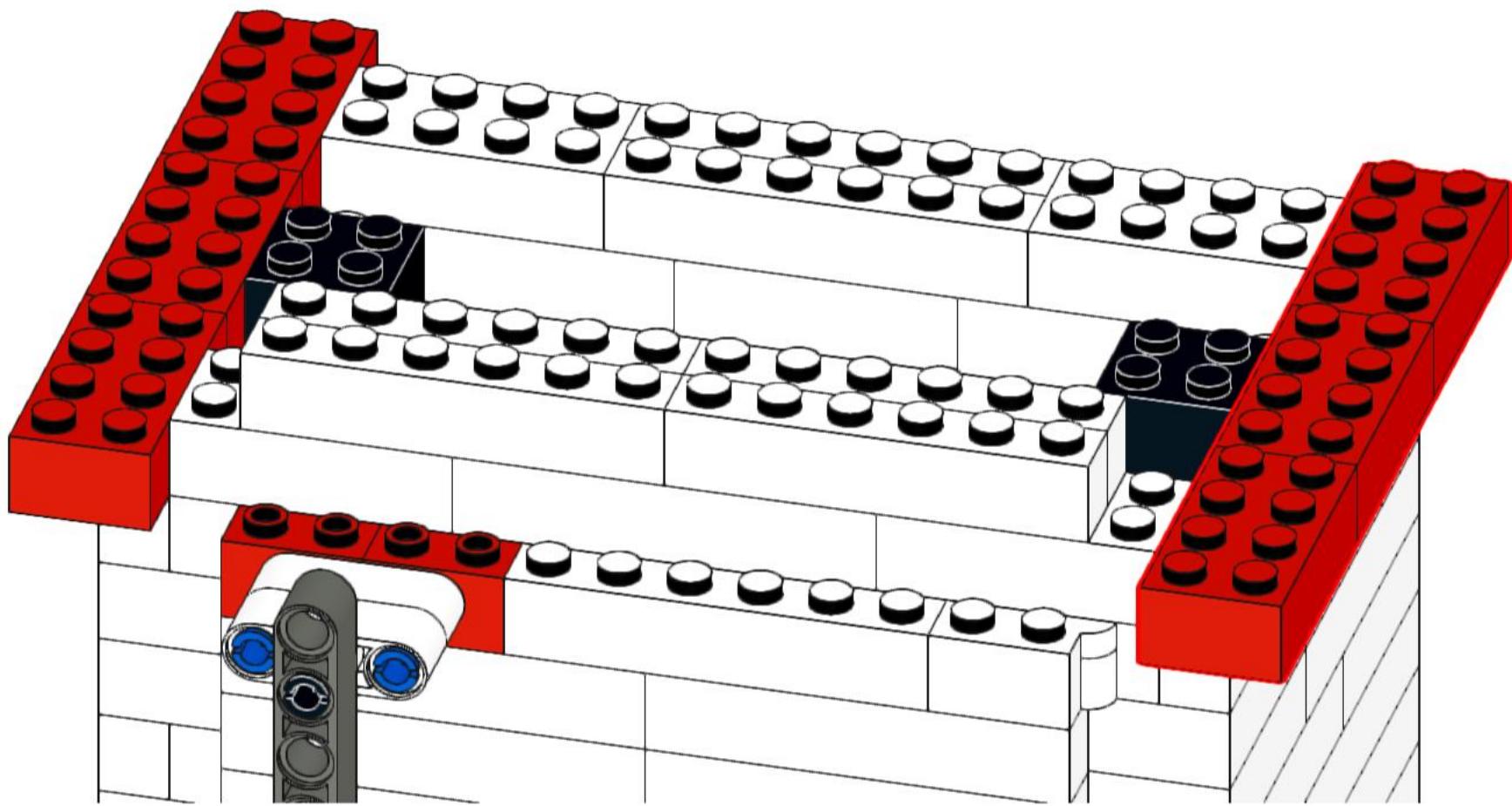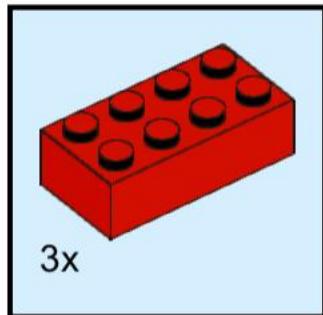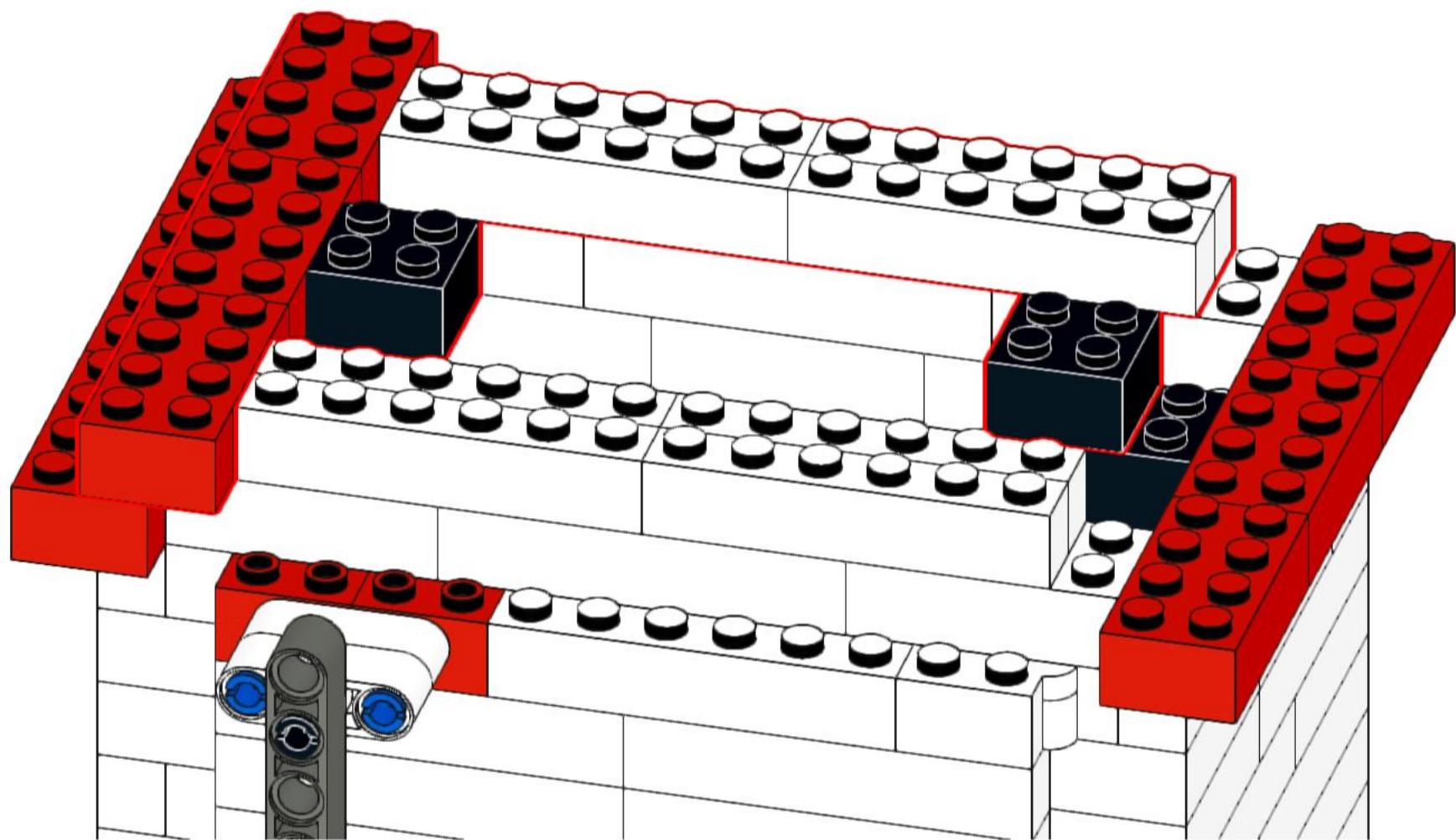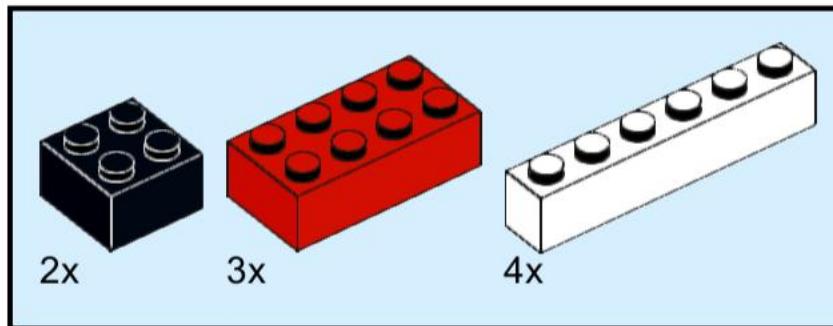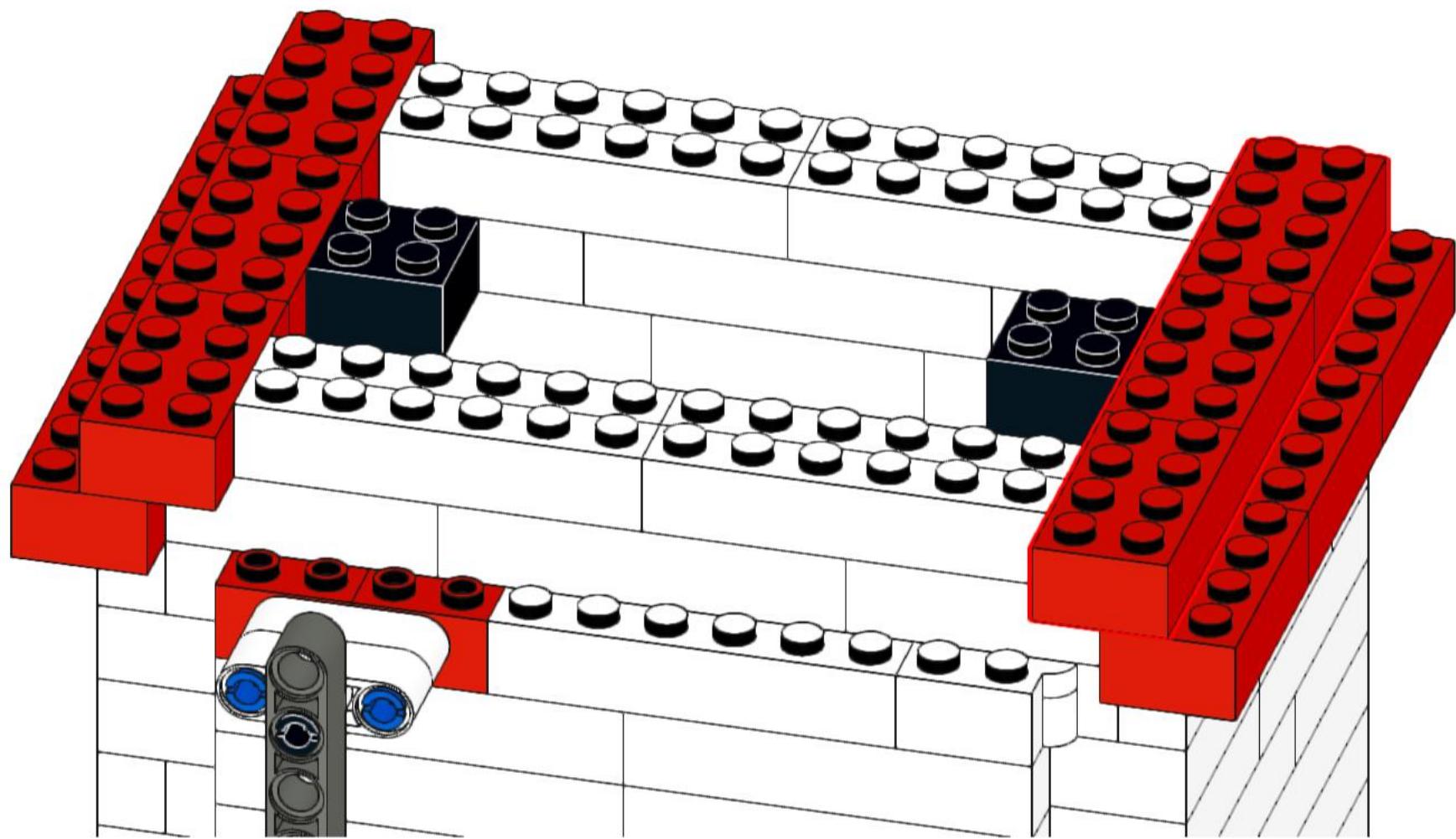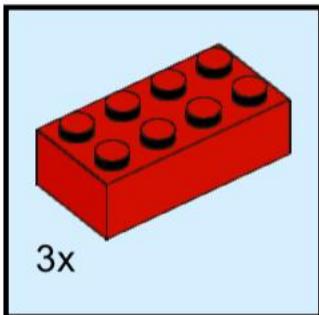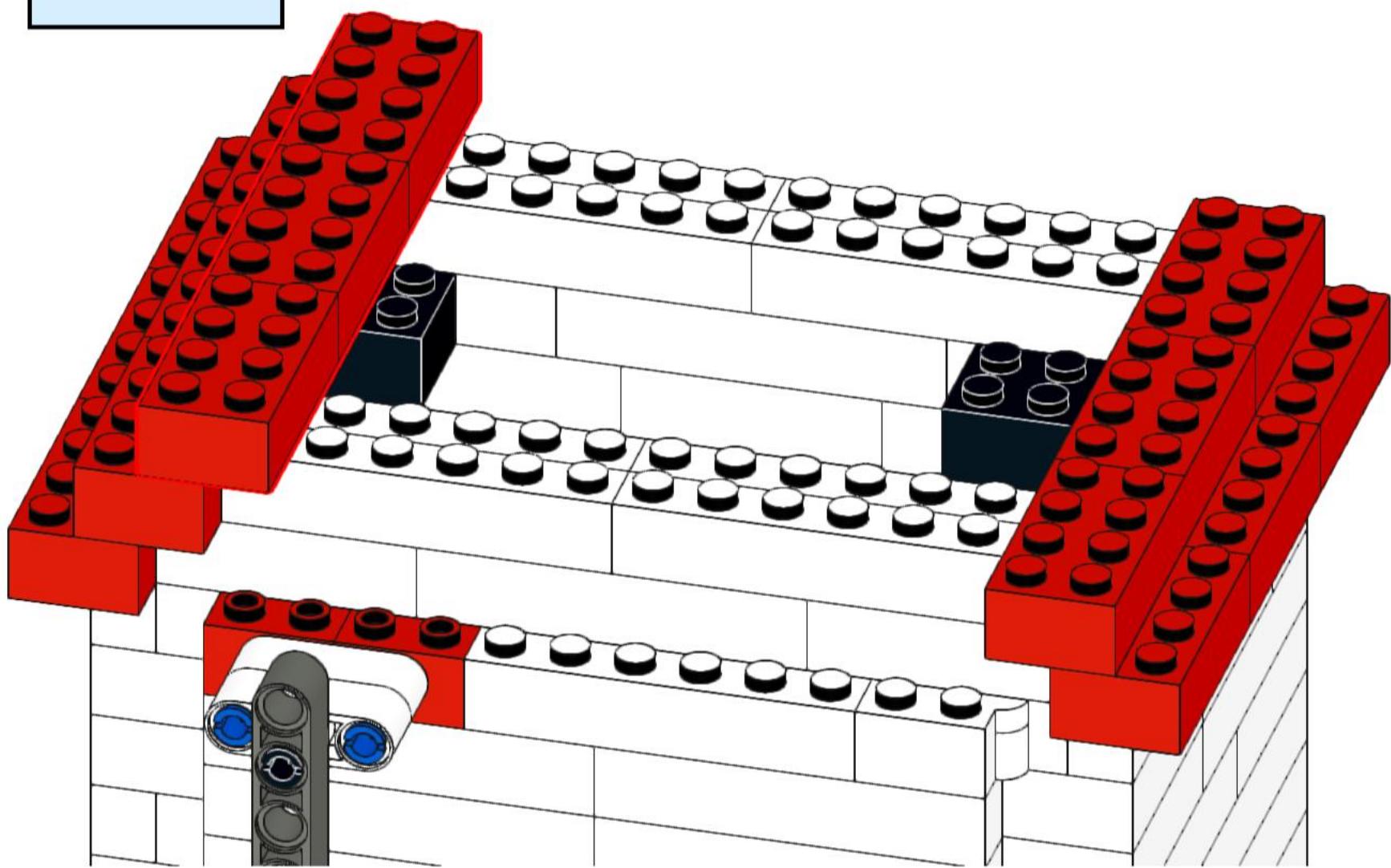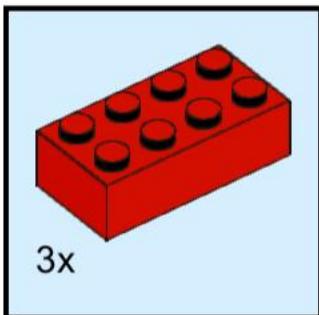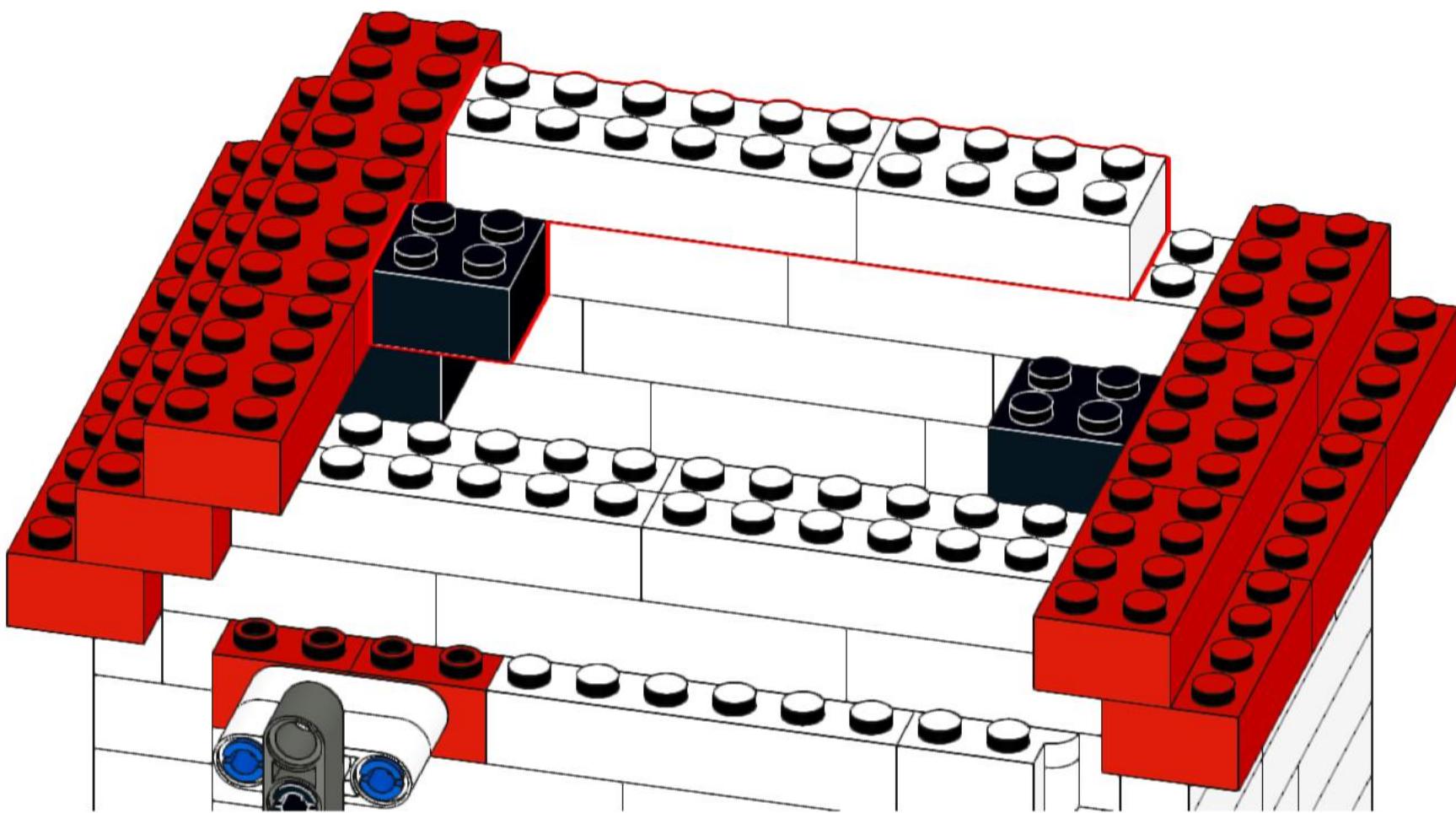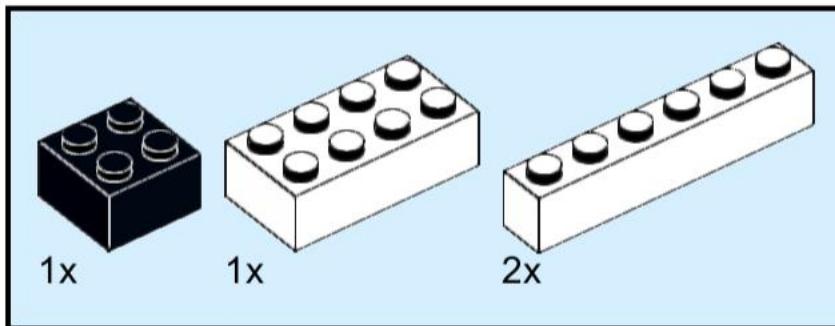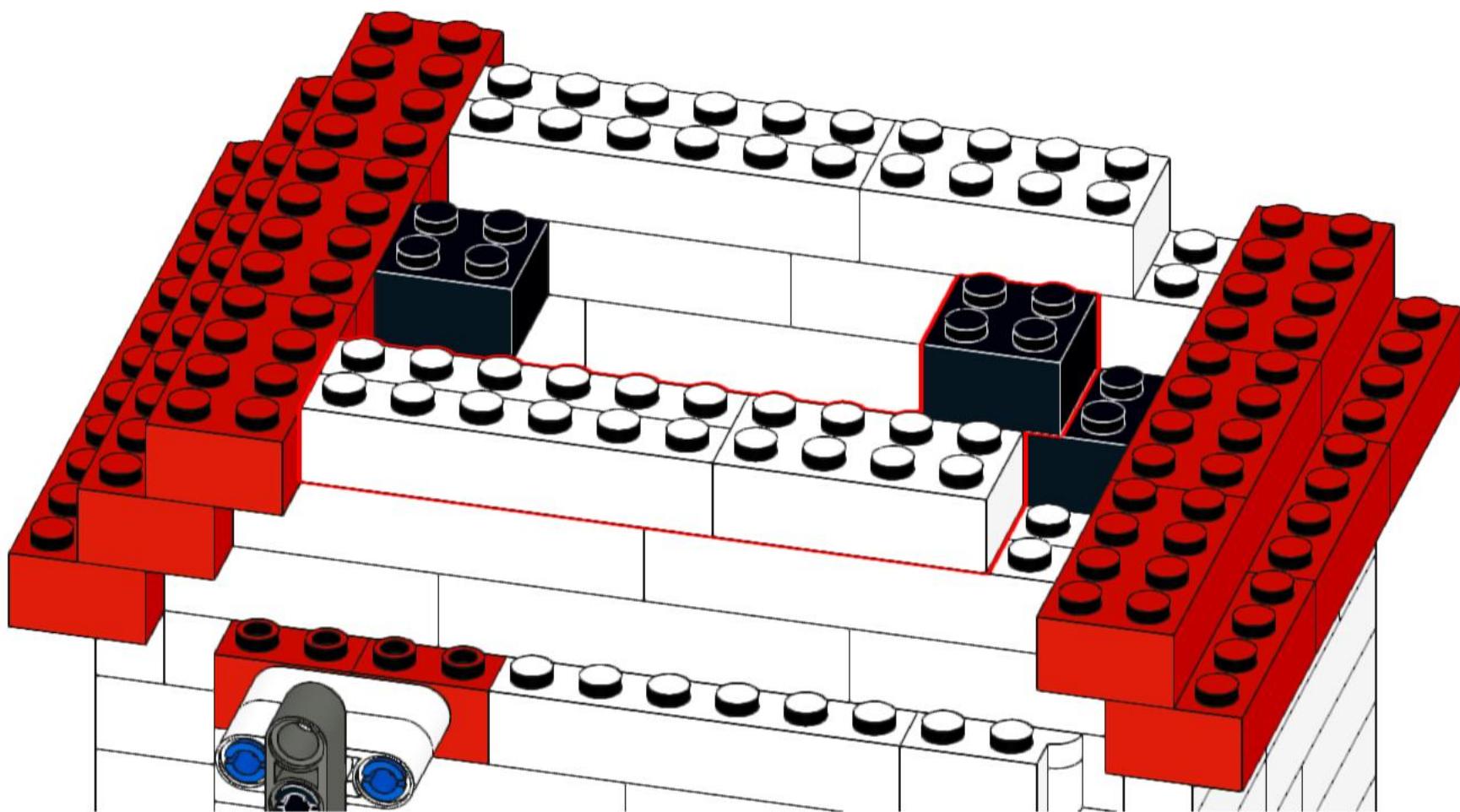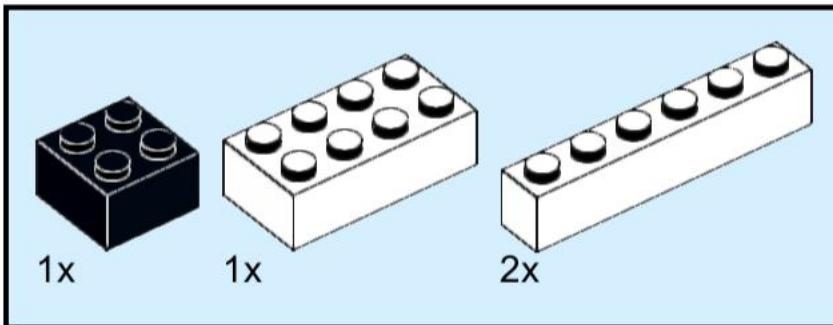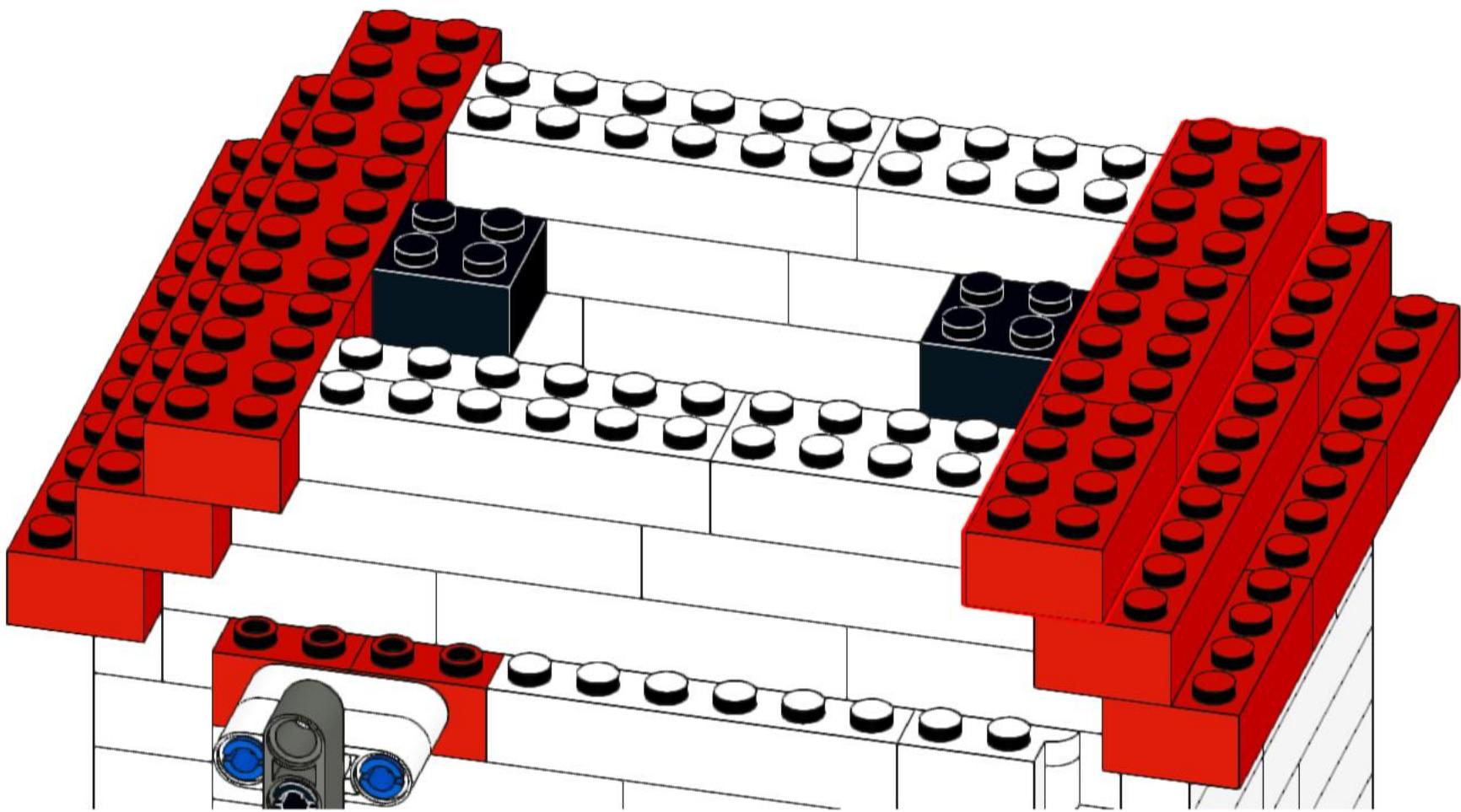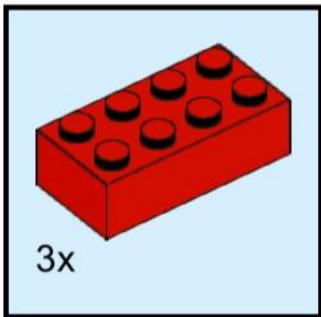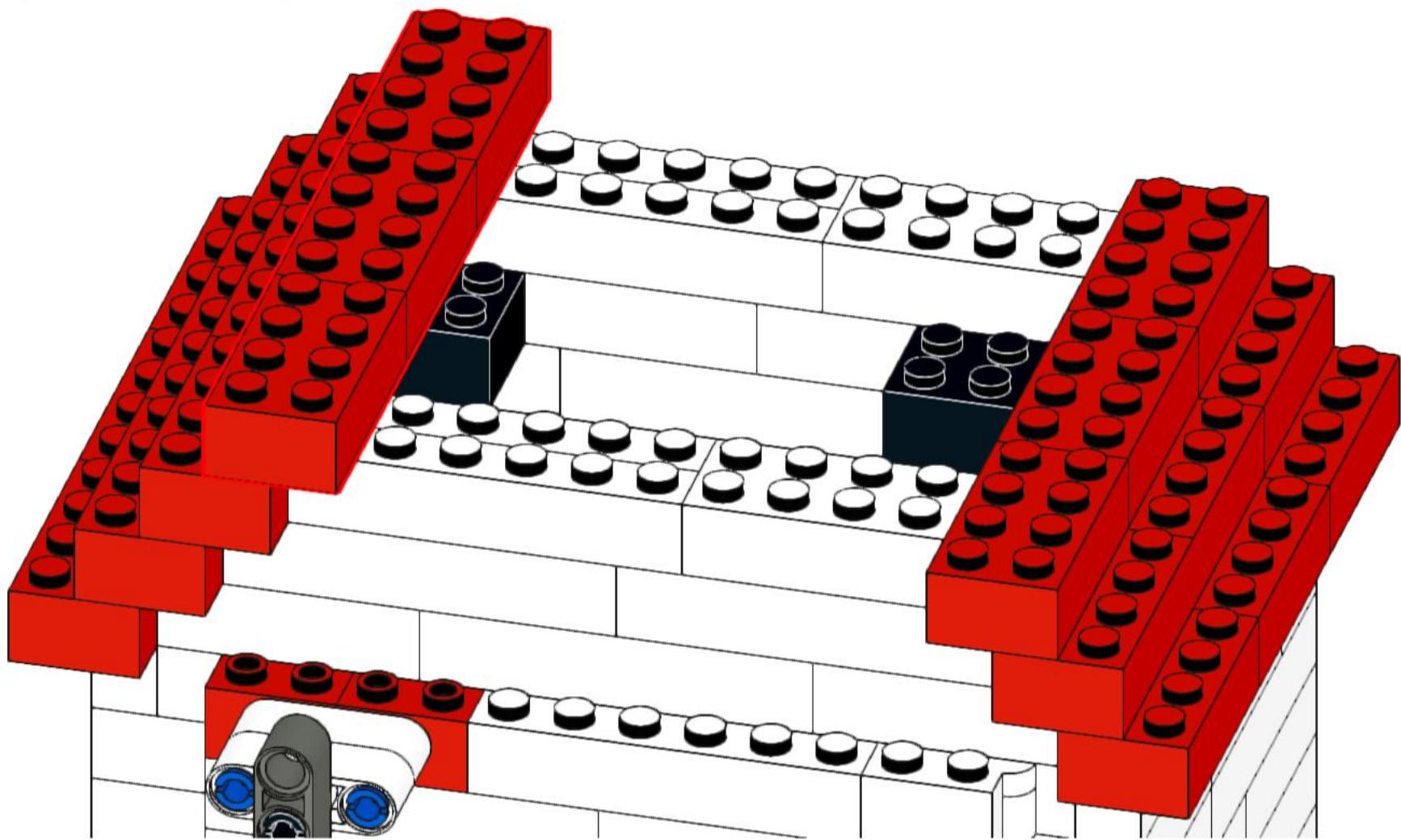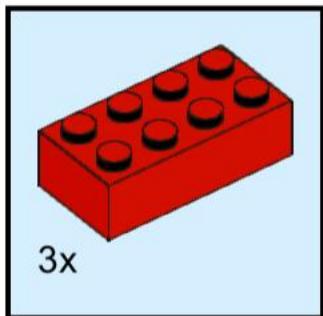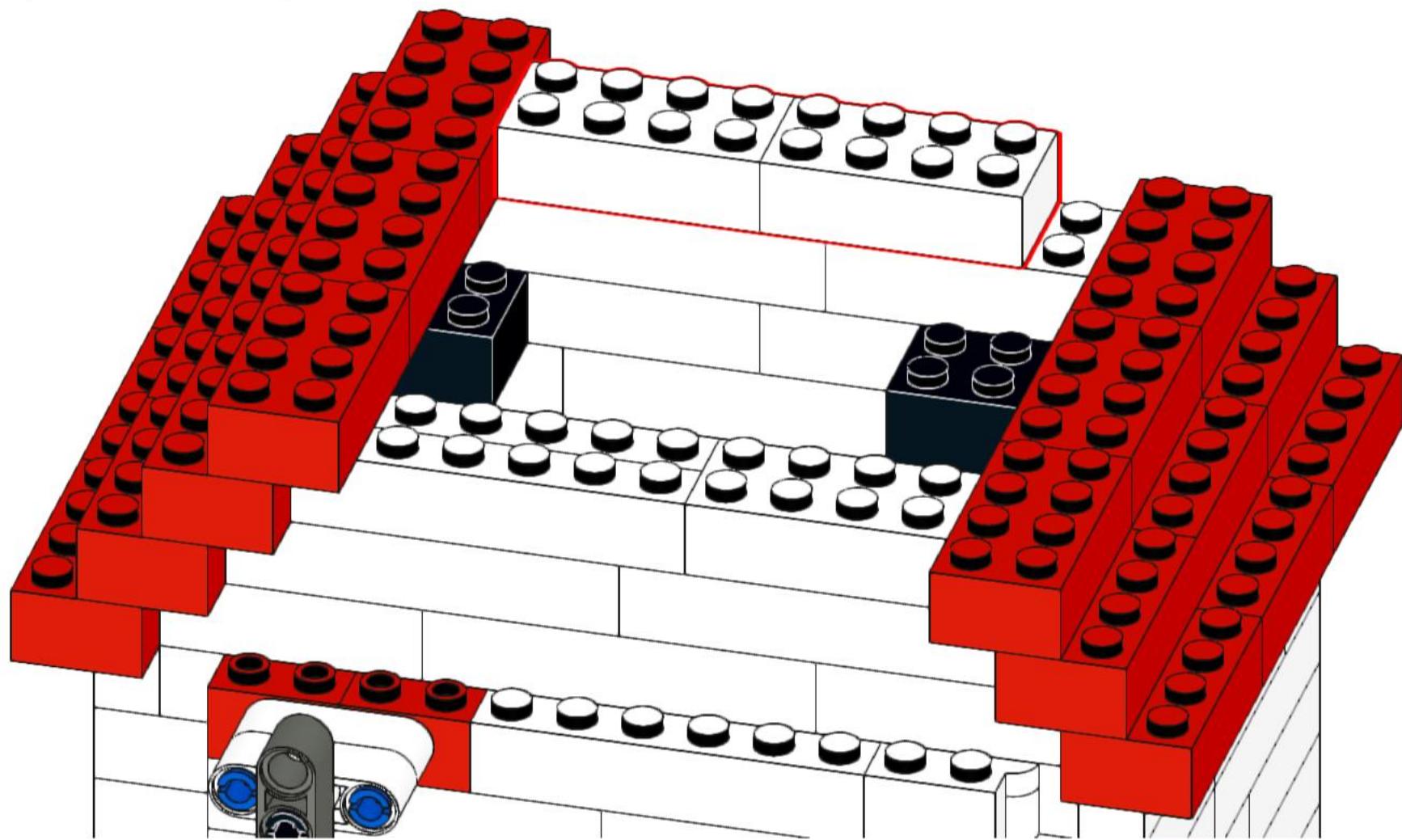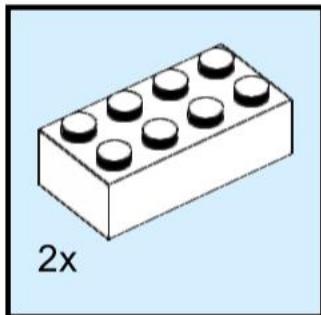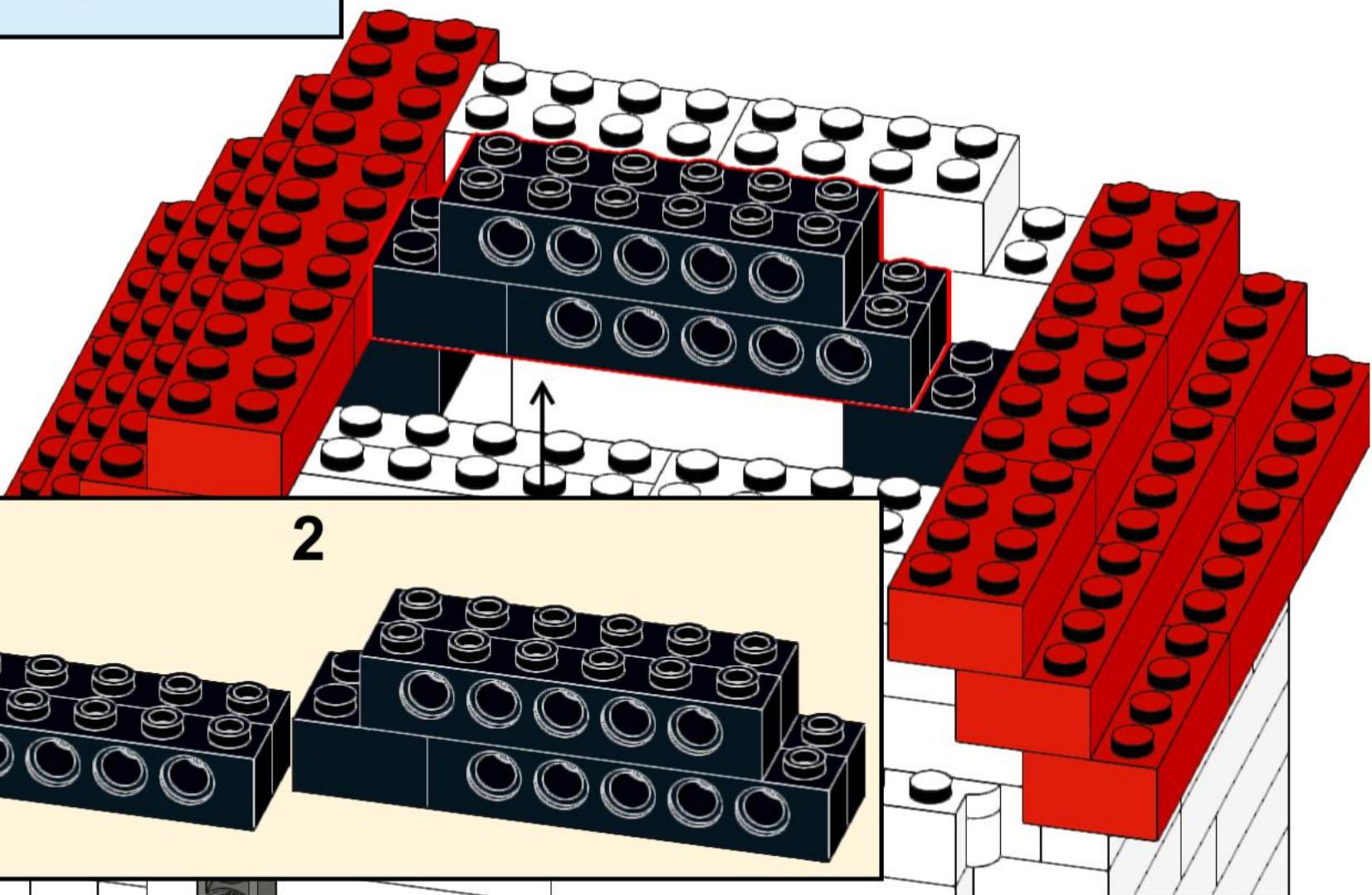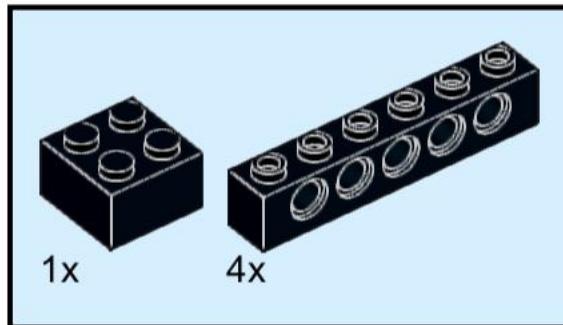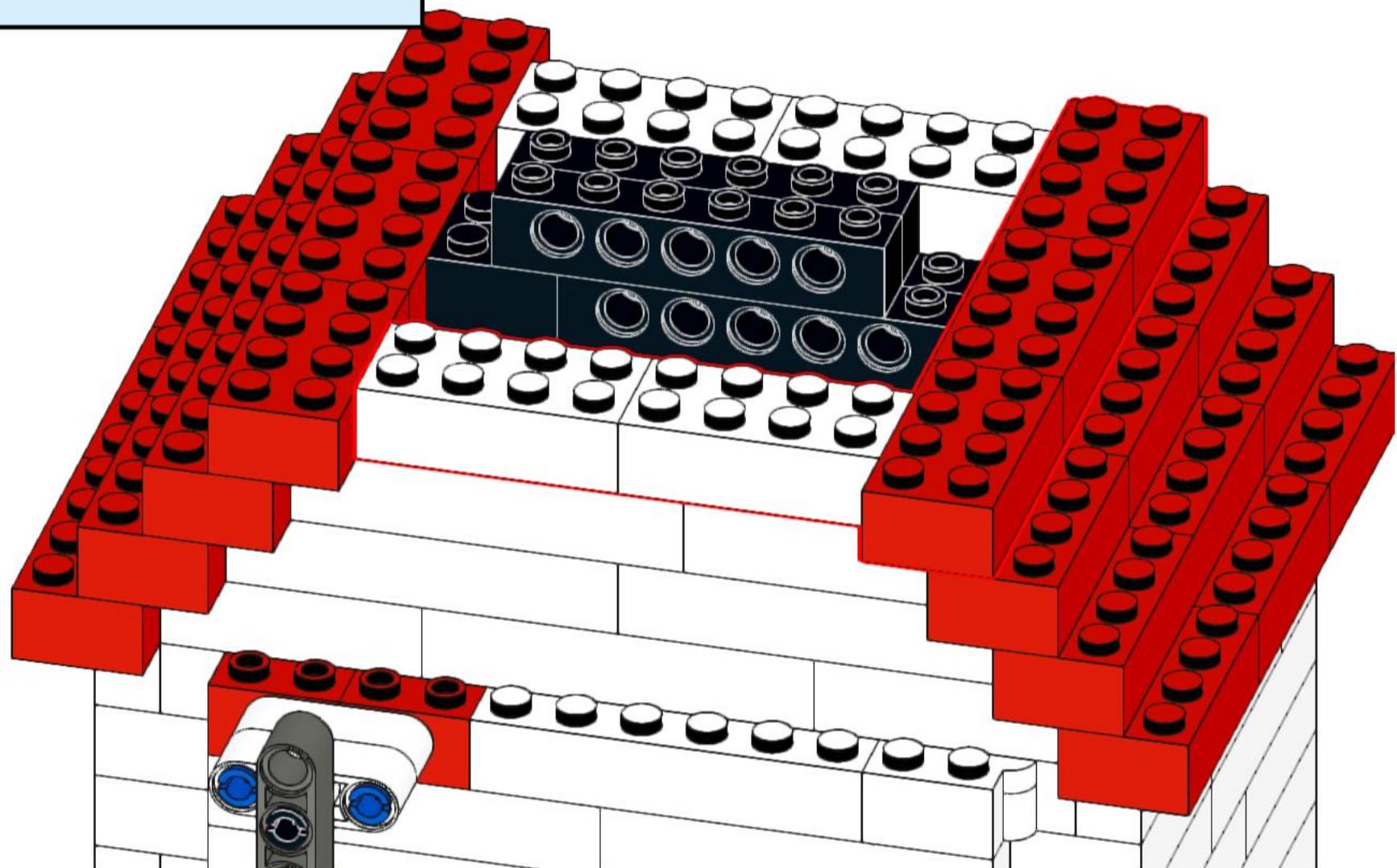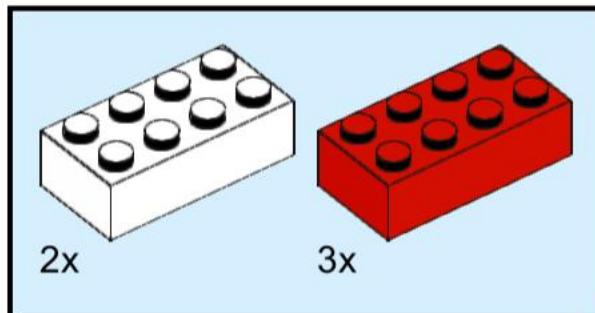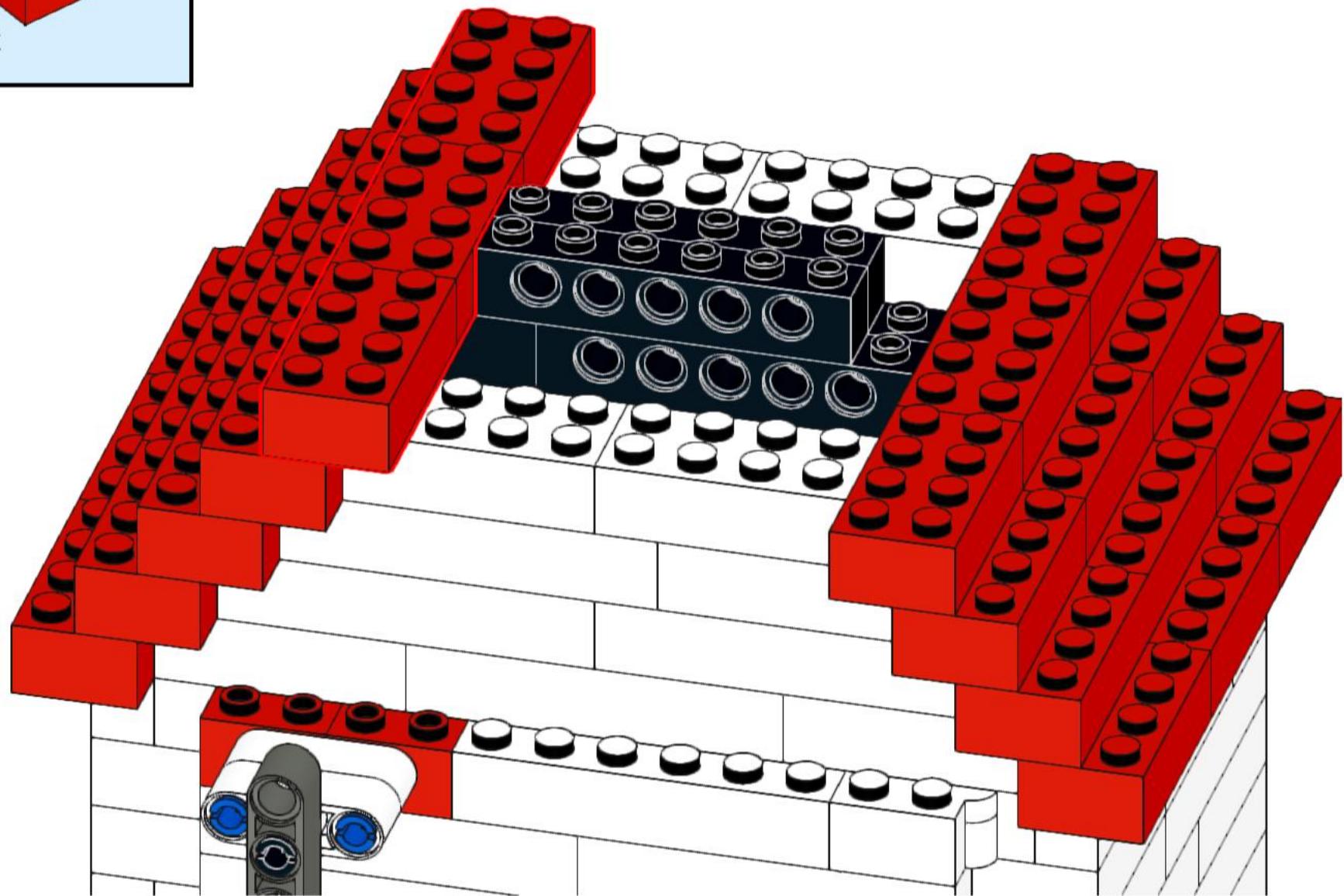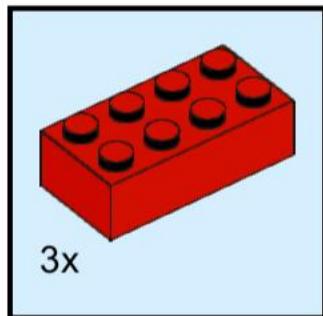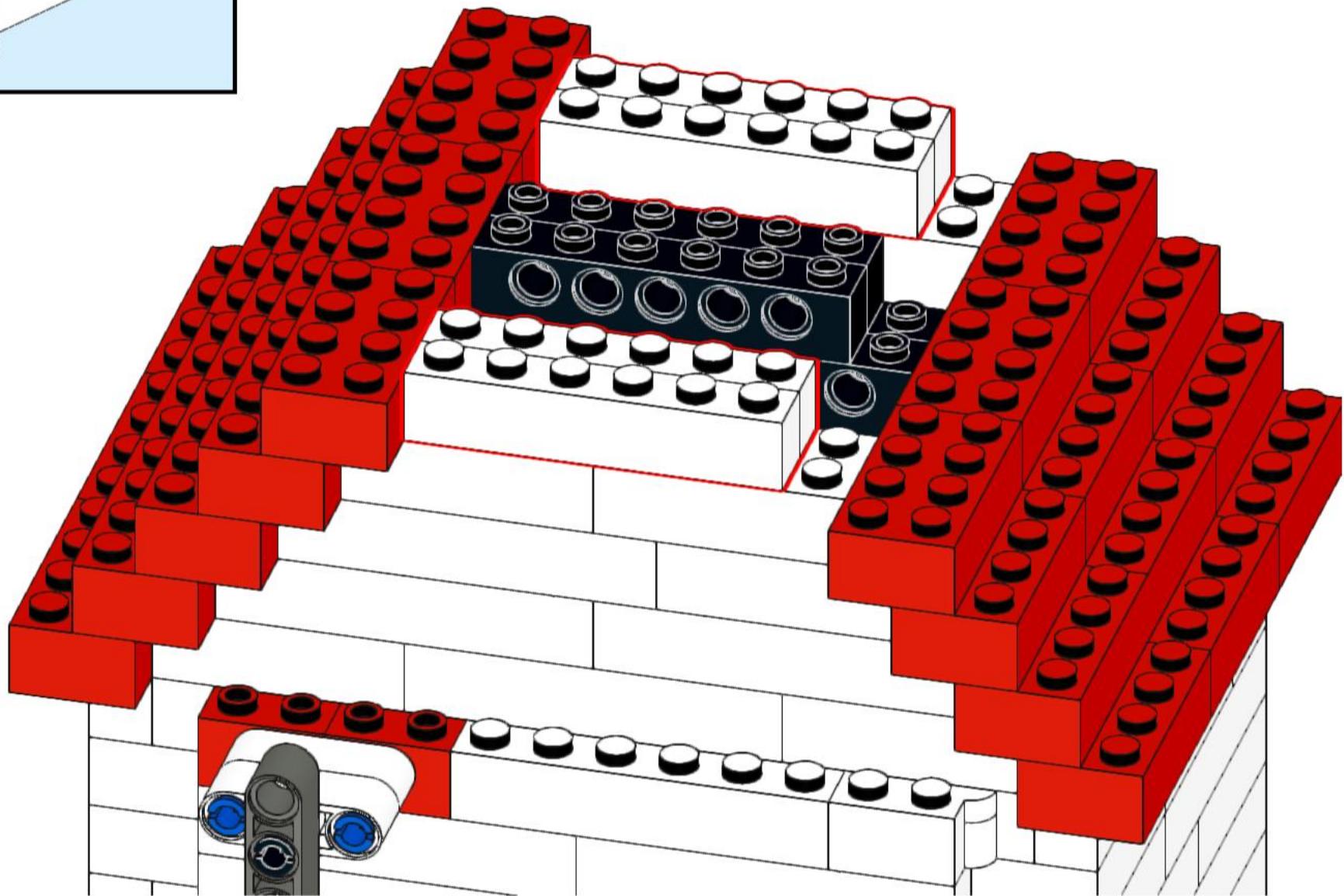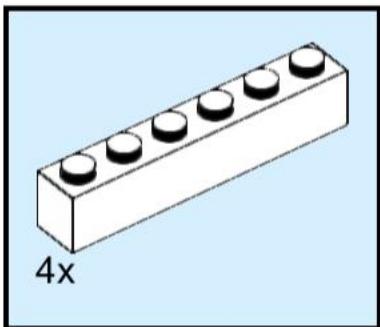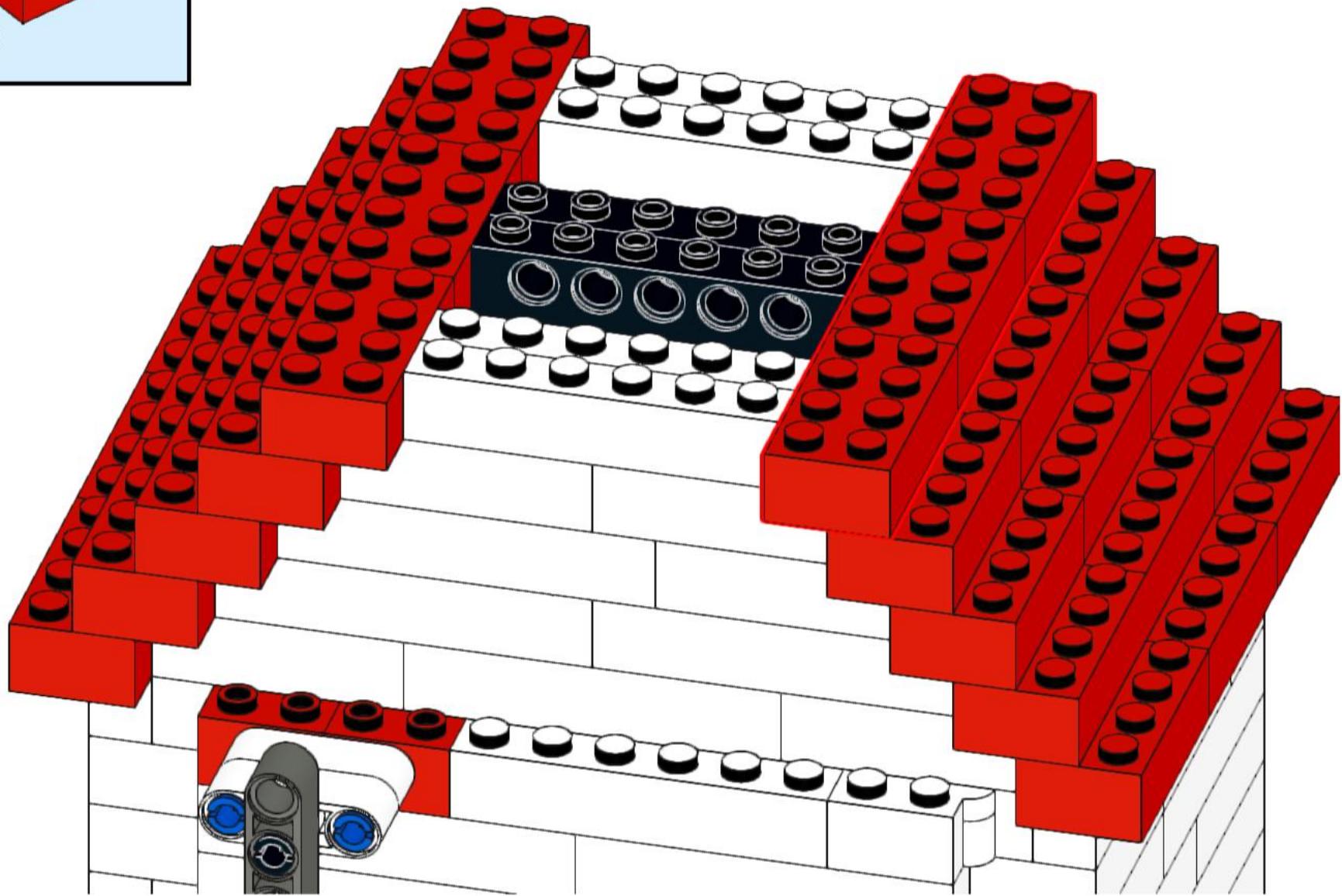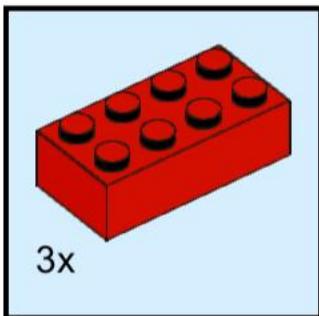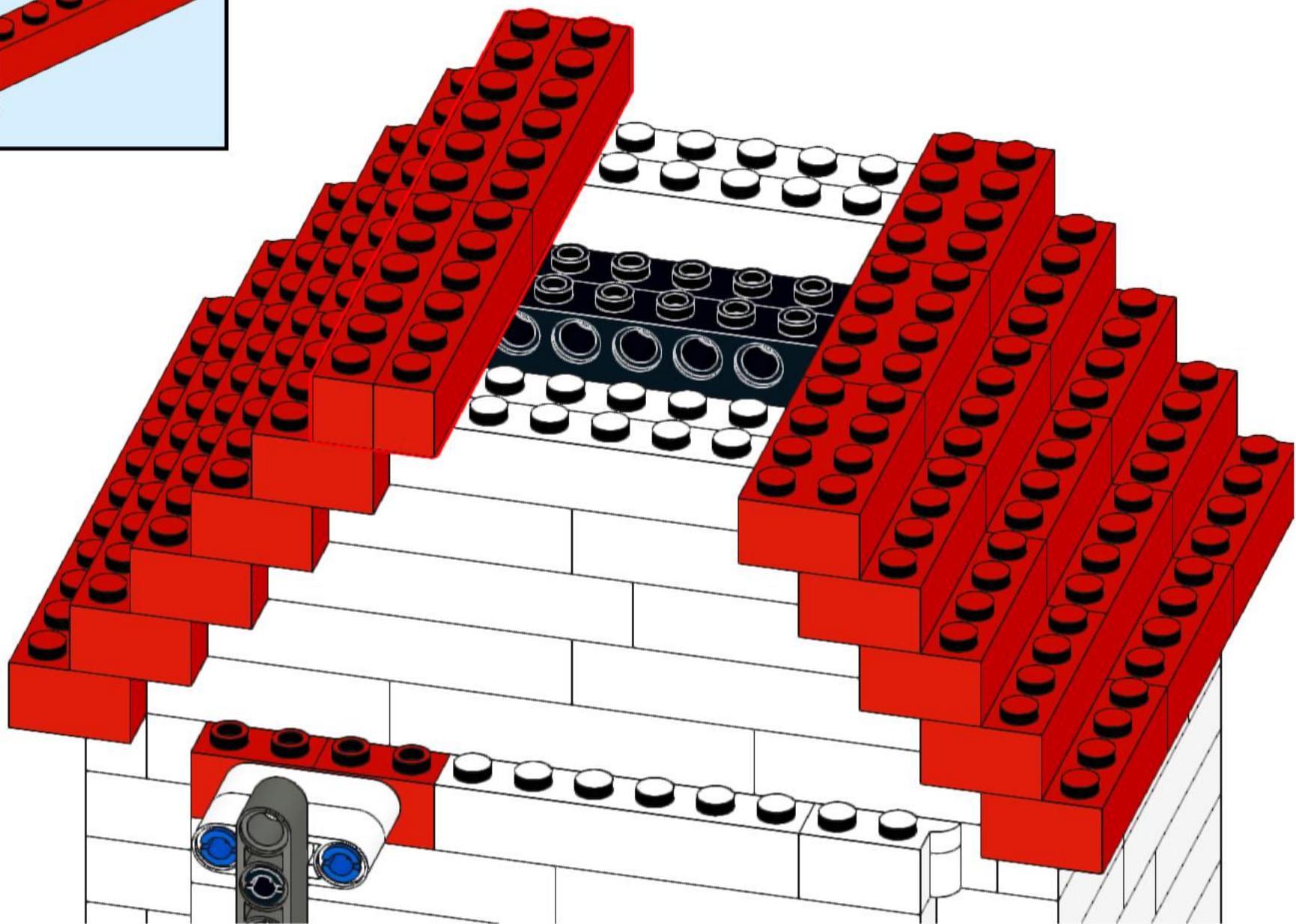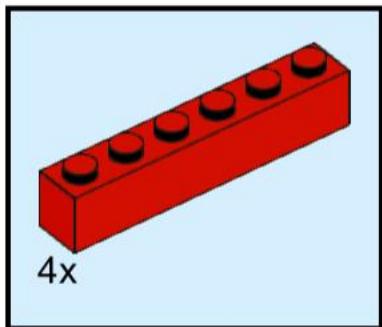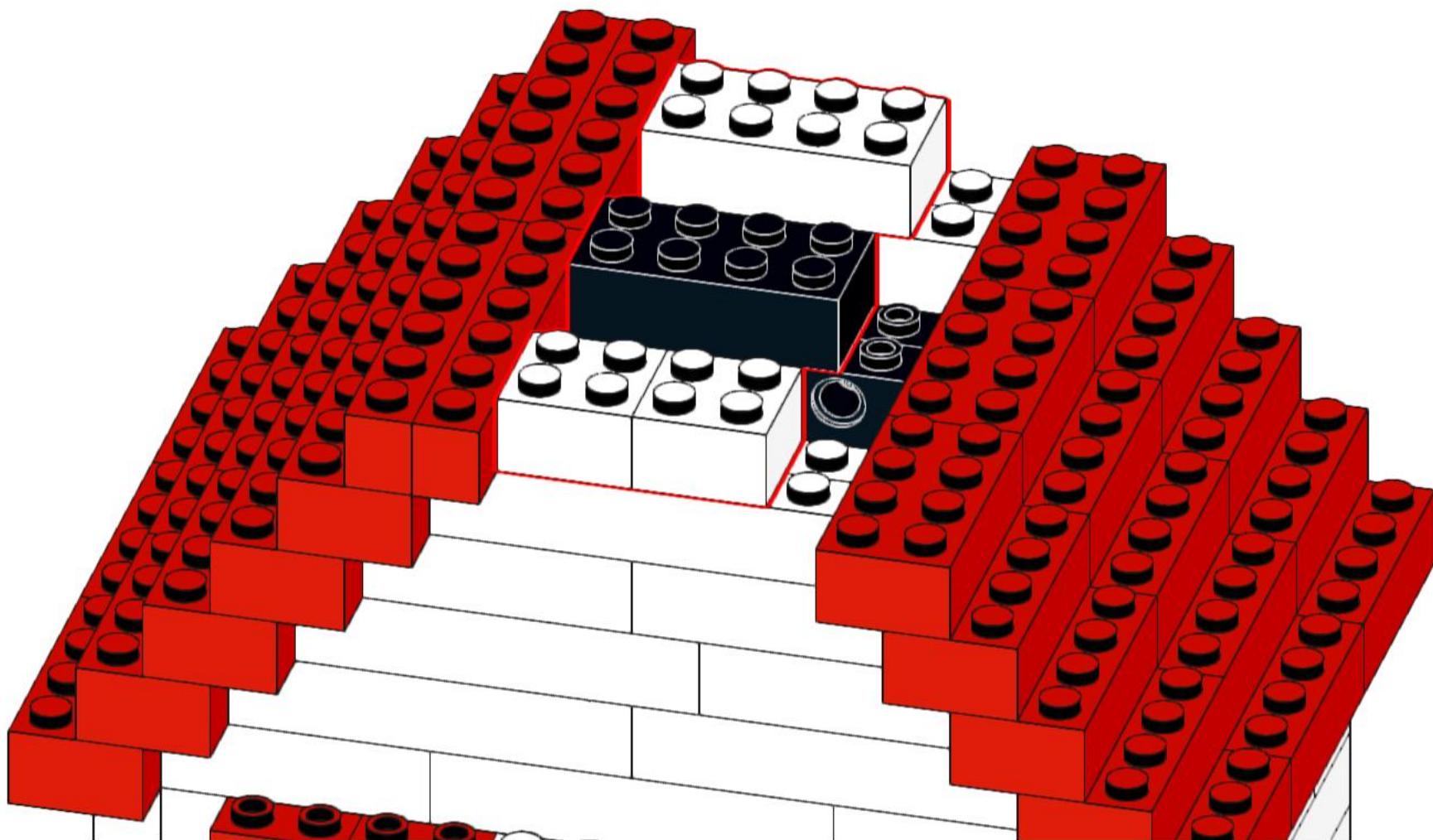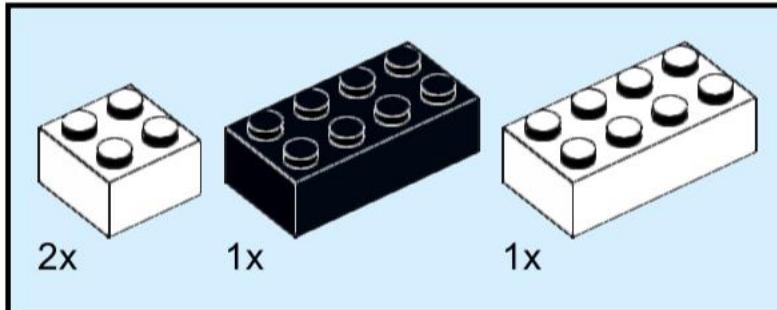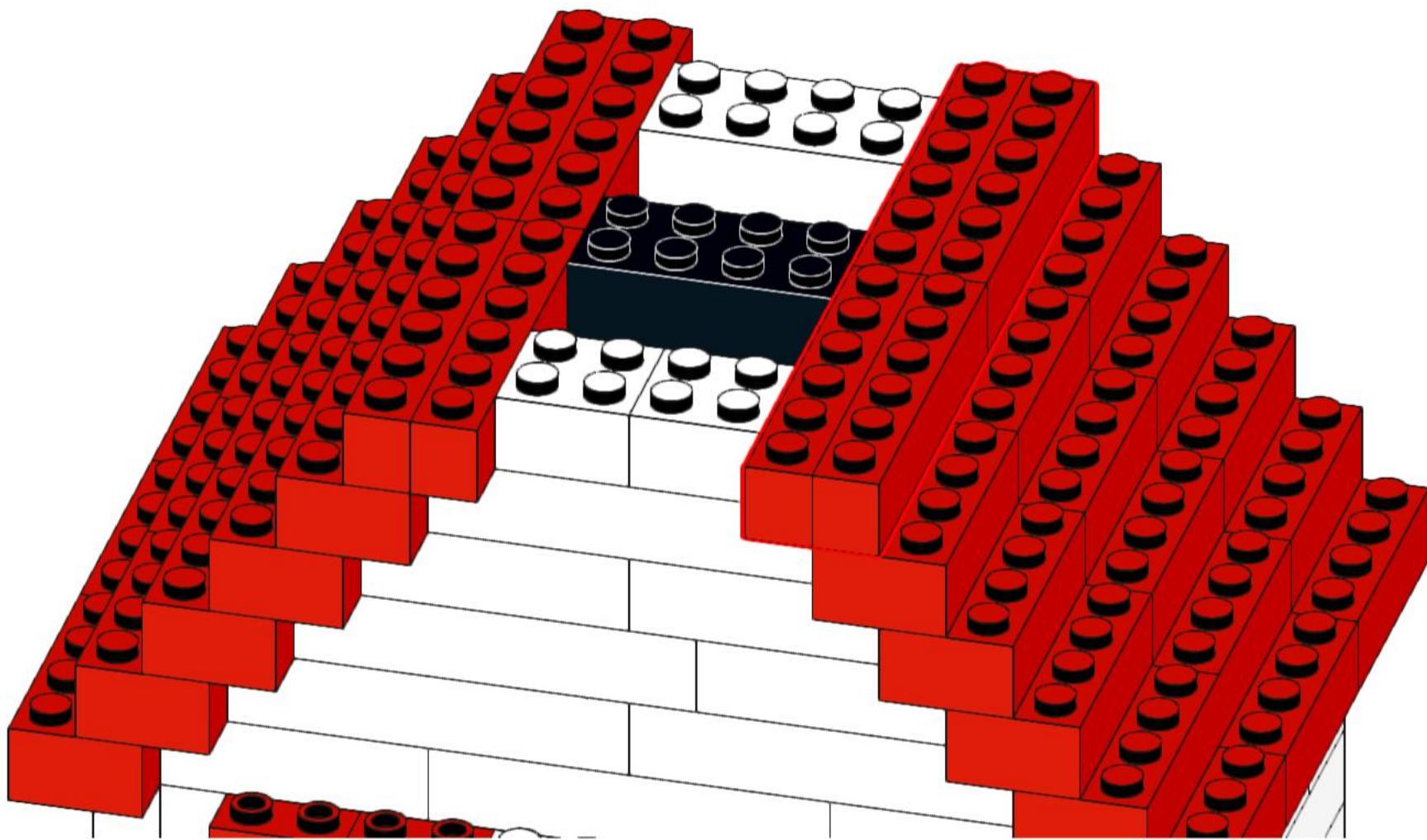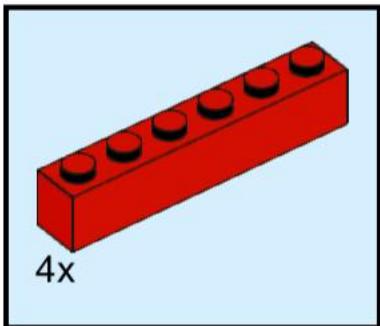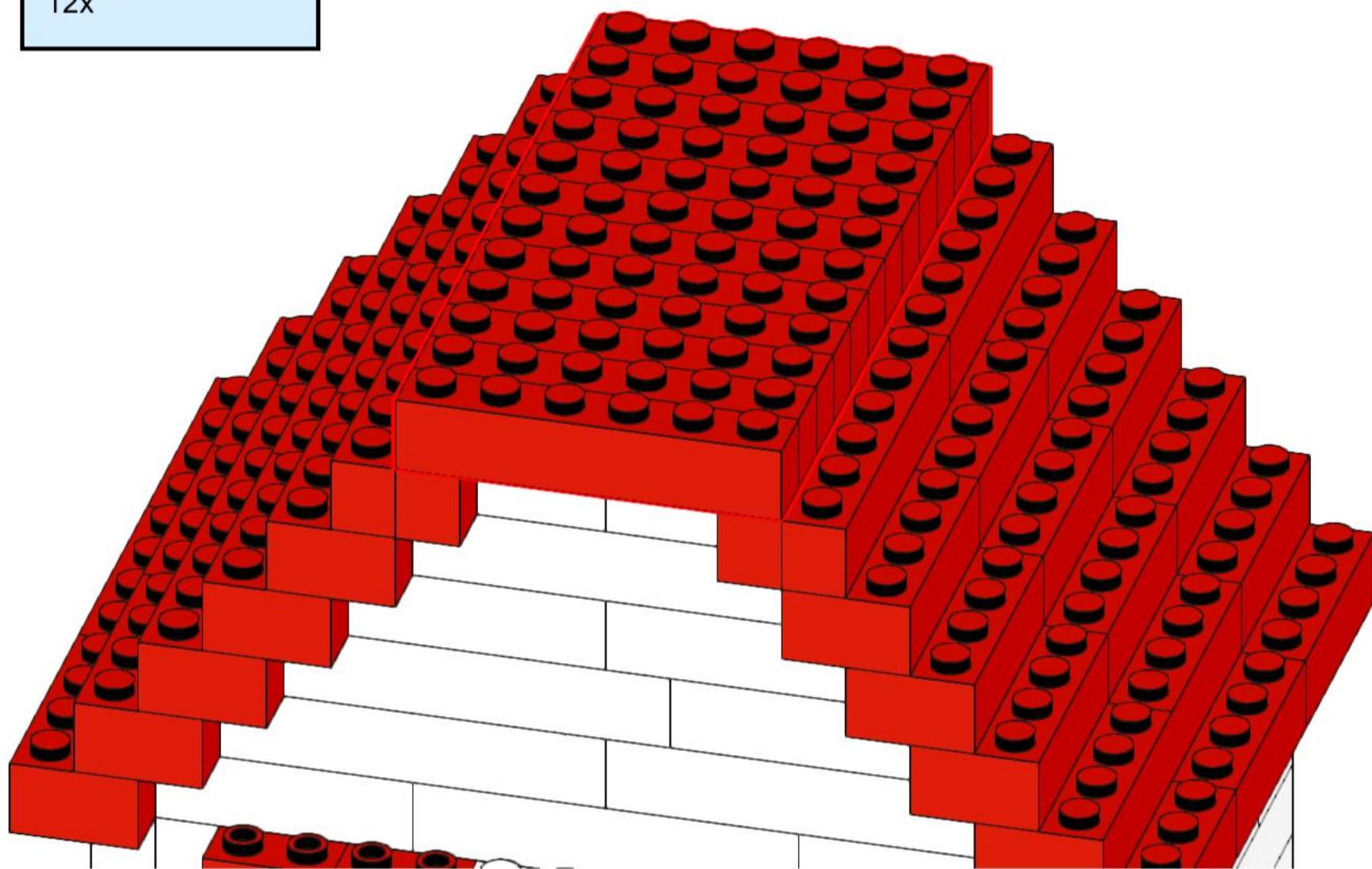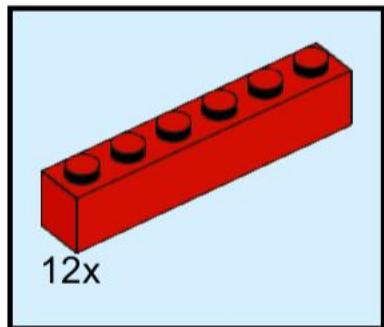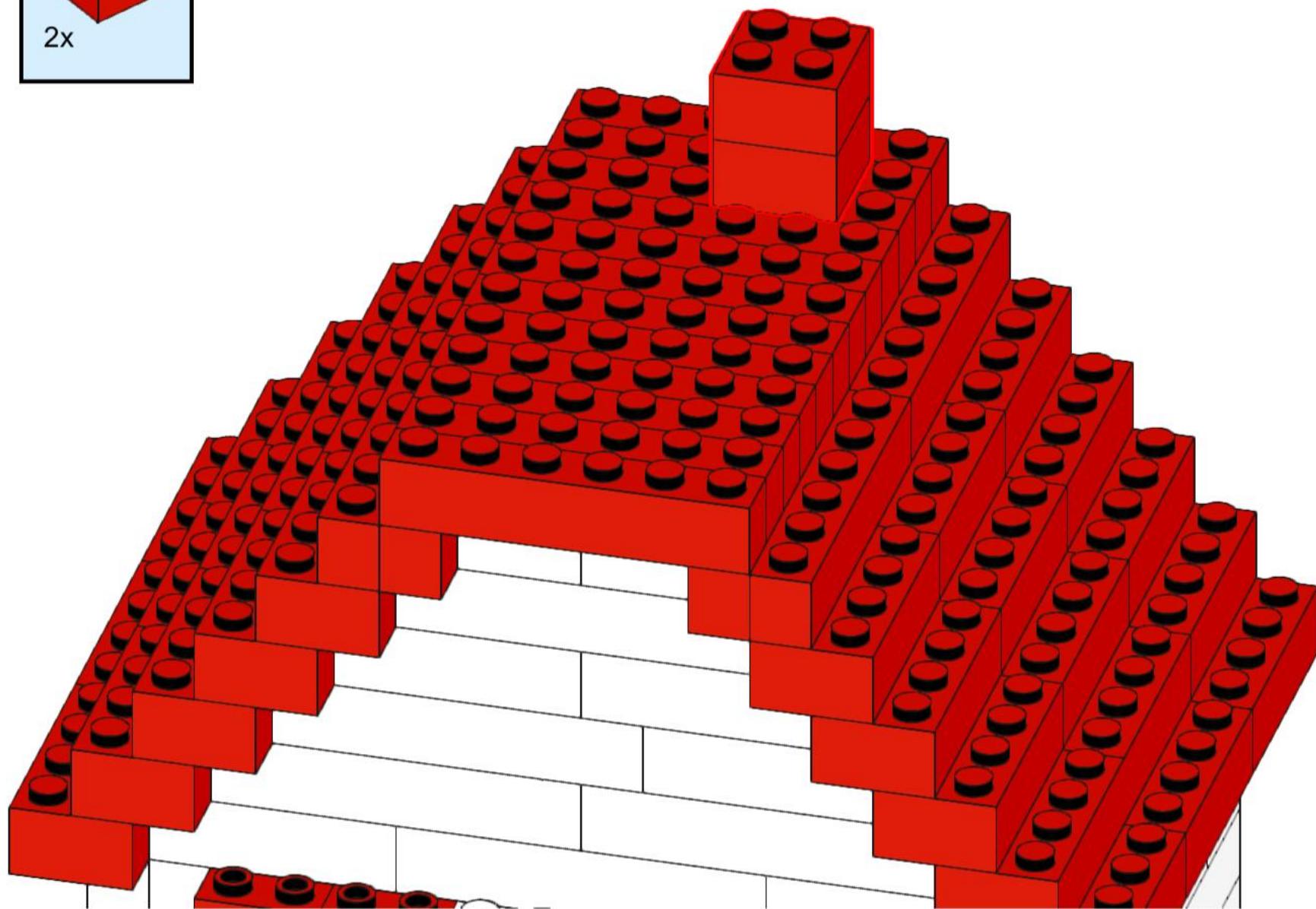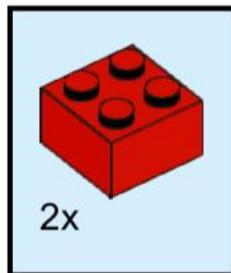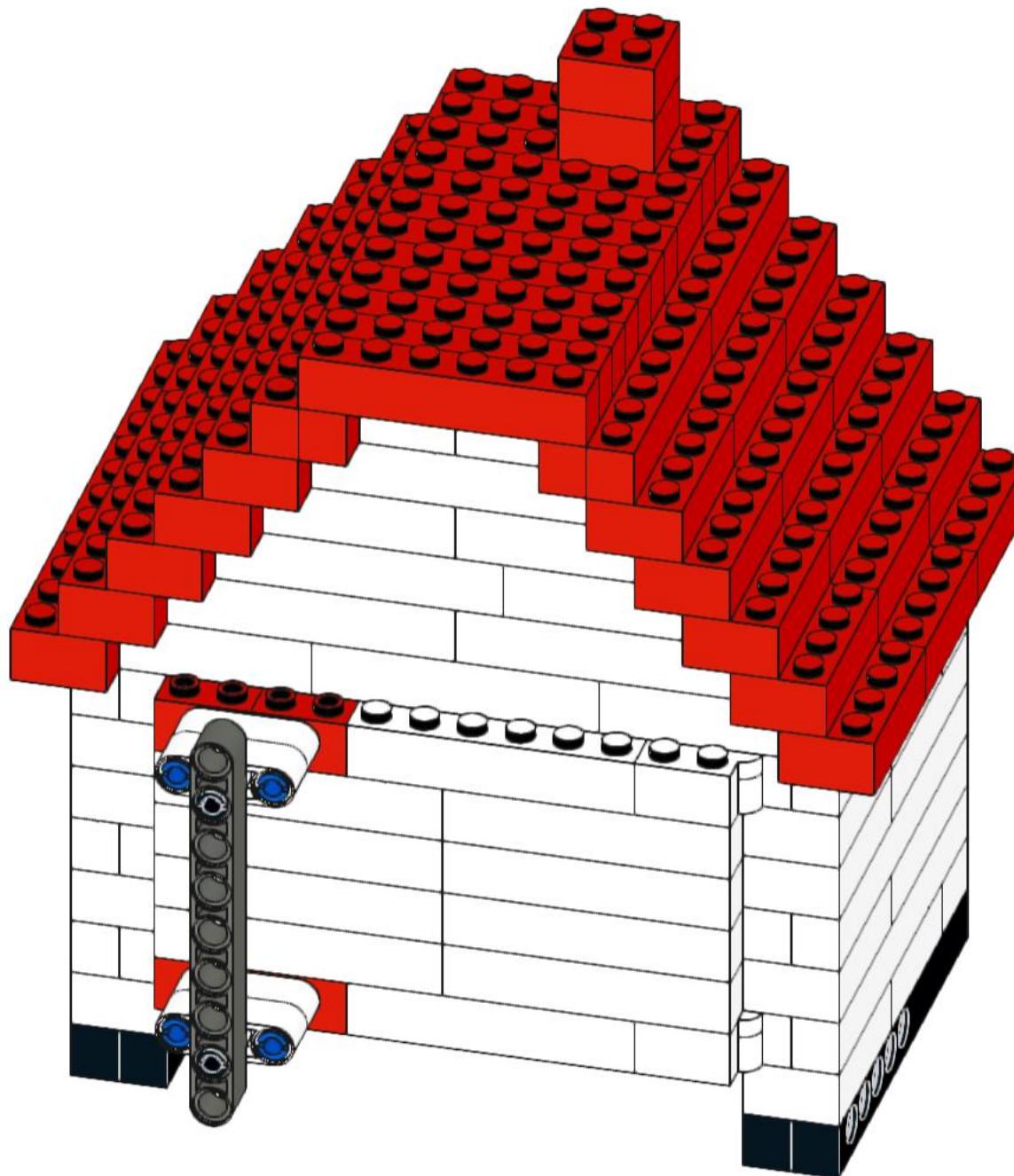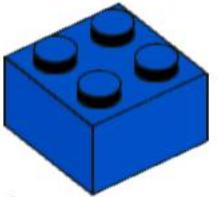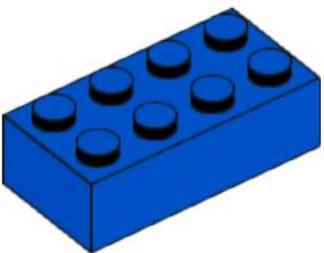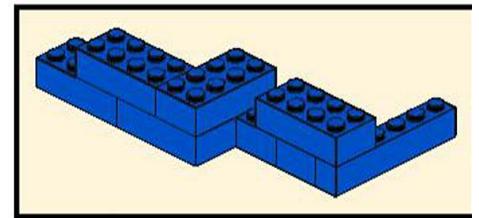
54
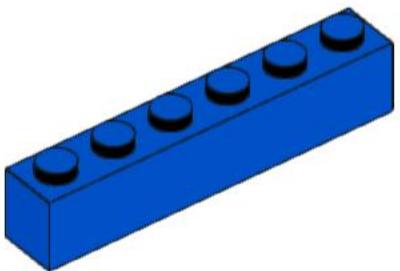
1x
3003
Blue
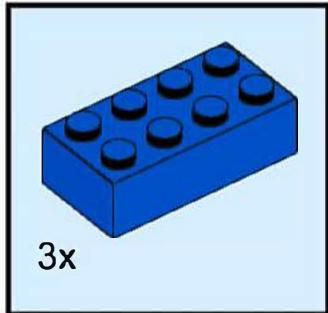
6x
3001
Blue

1x
3009
Blue

1

3x

2

2x

3

4

21x
3001
Green

12x
3009
Green

3x

1

2x

1x

3x

2

3

1x   1x

4

5

2x
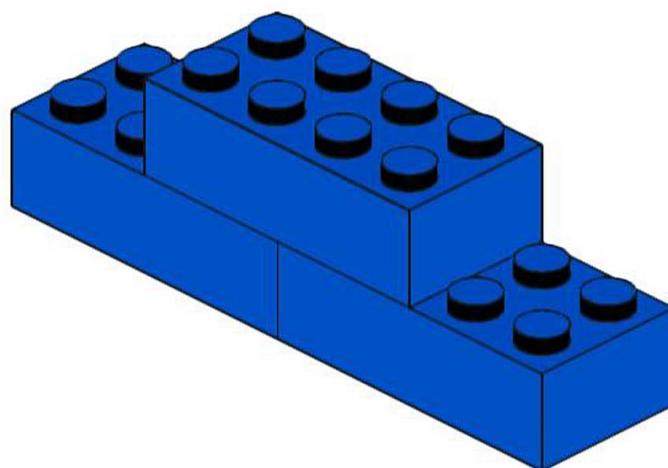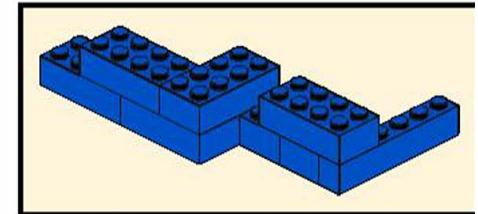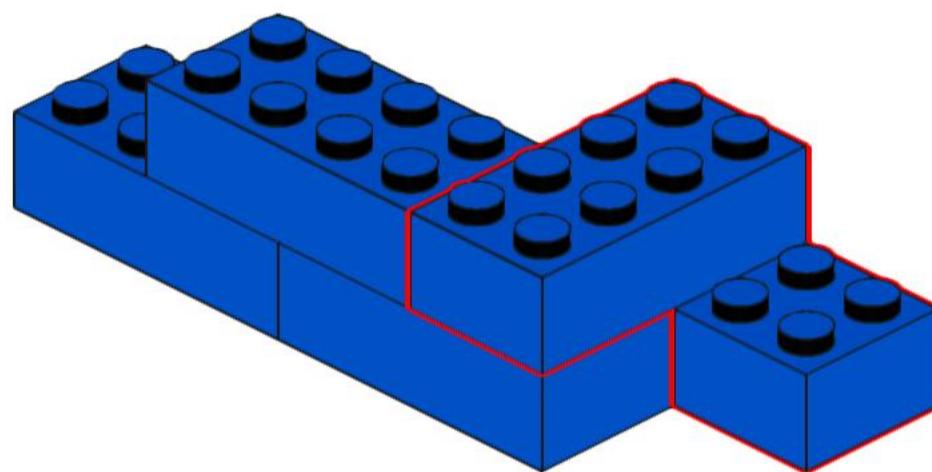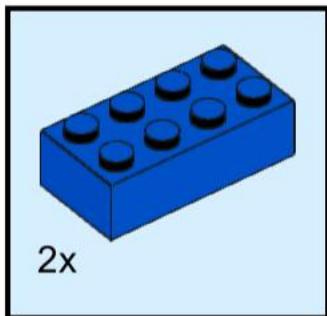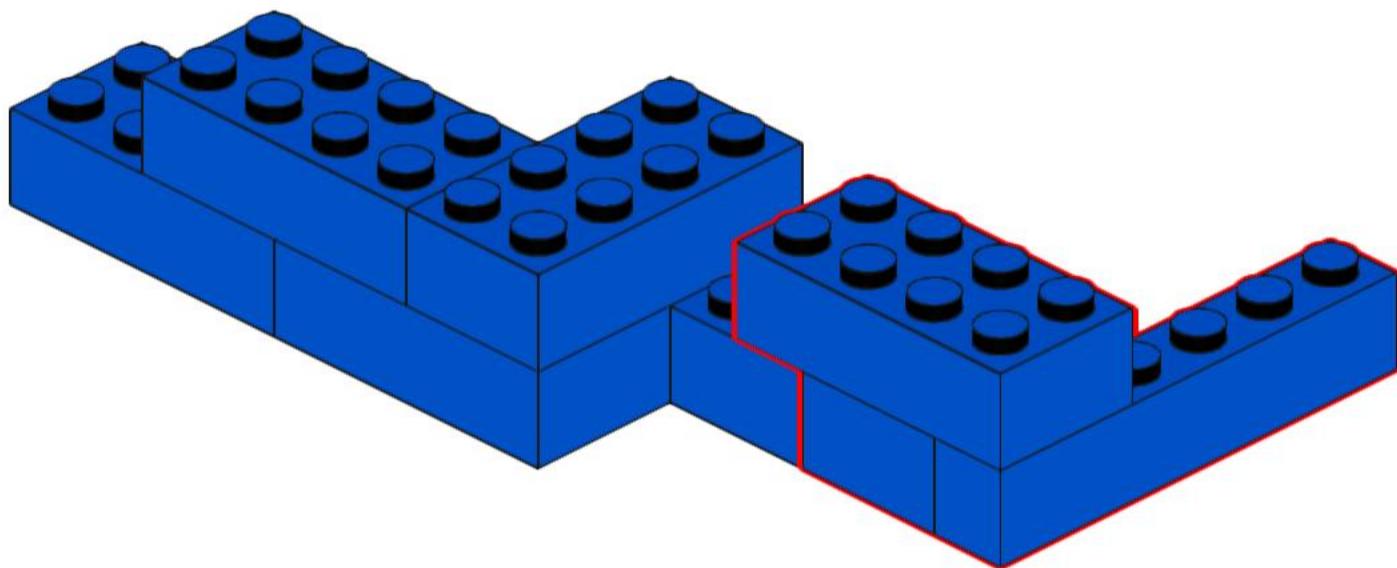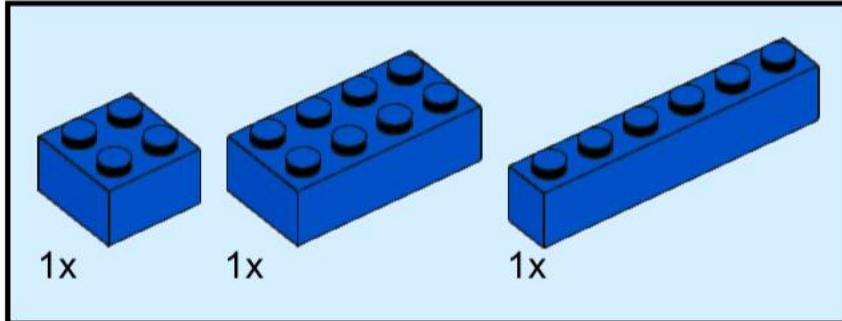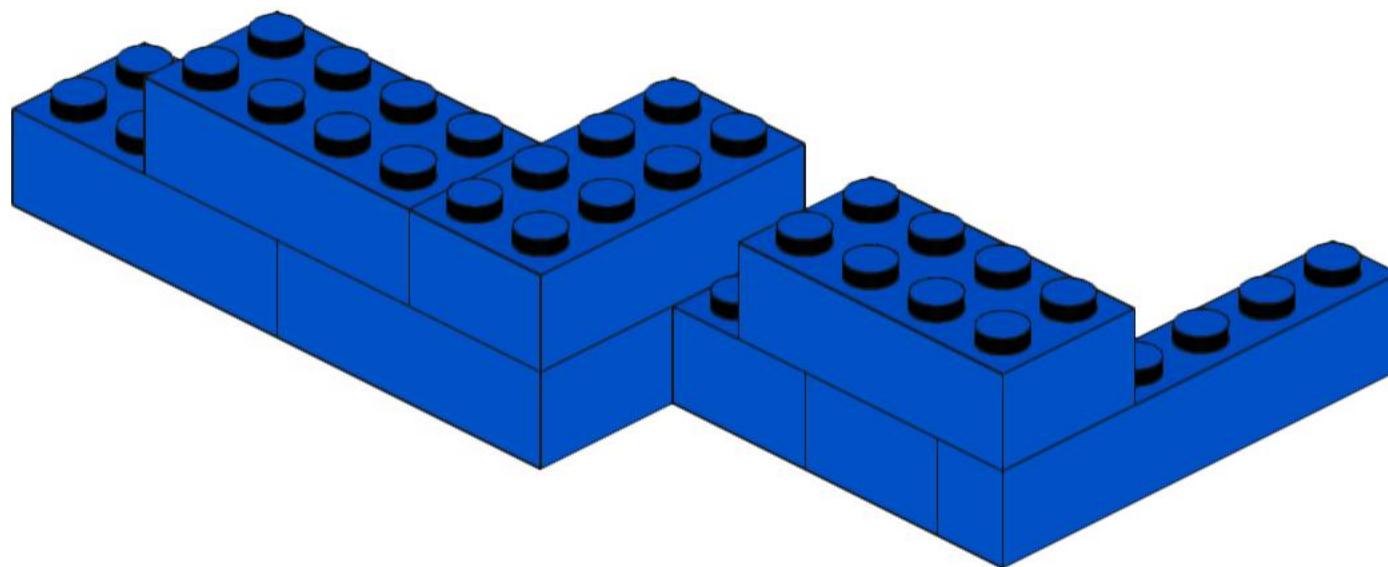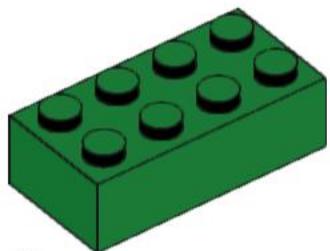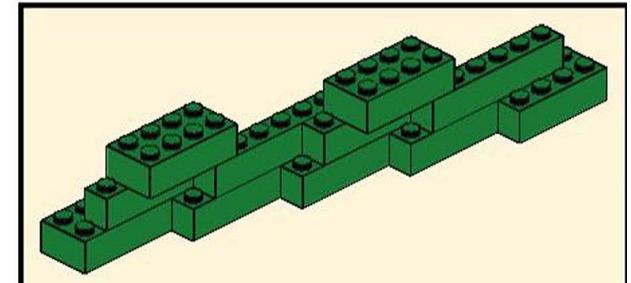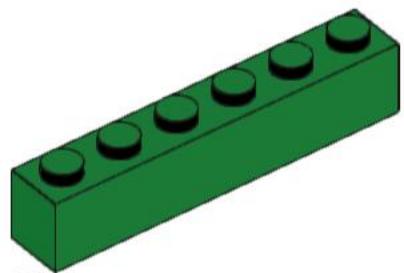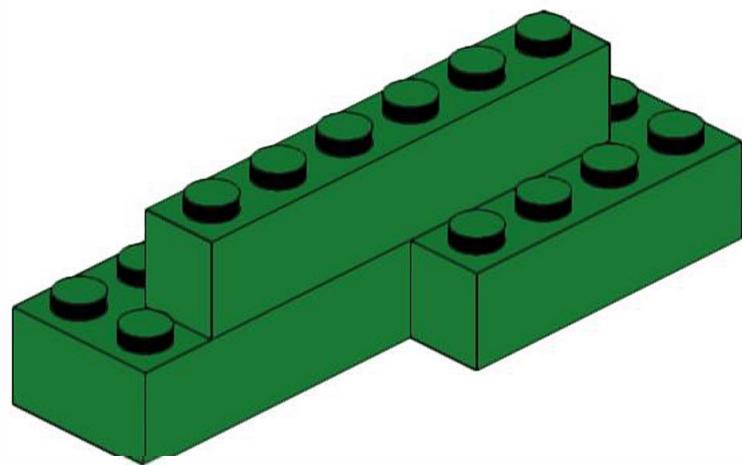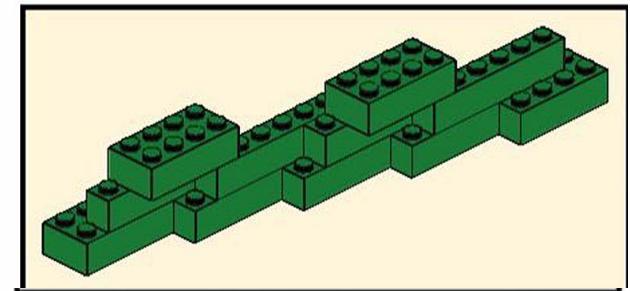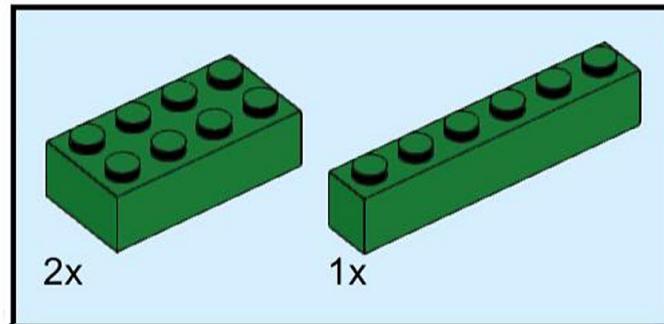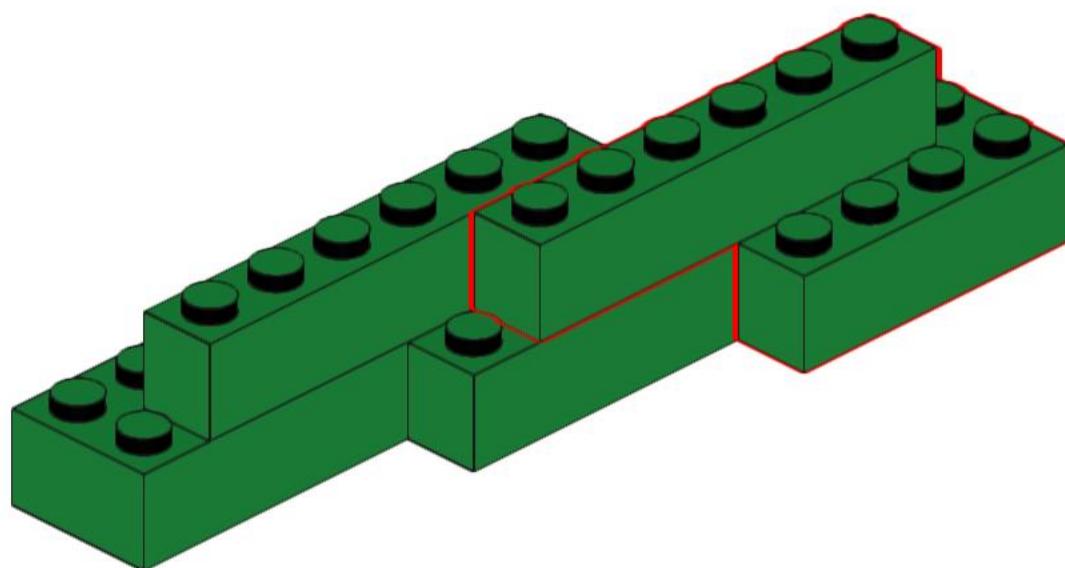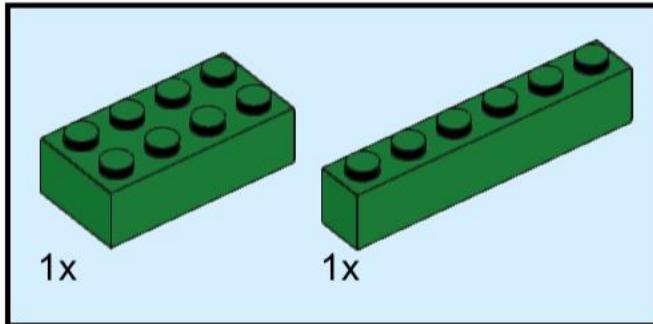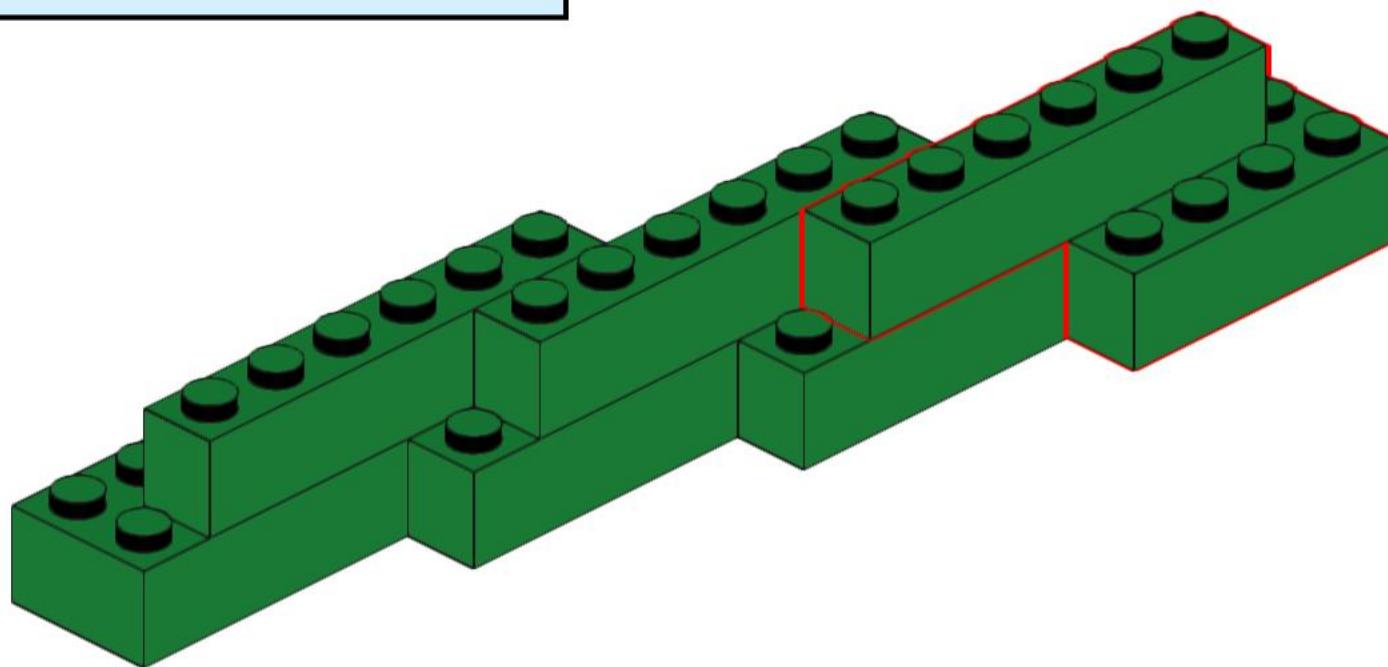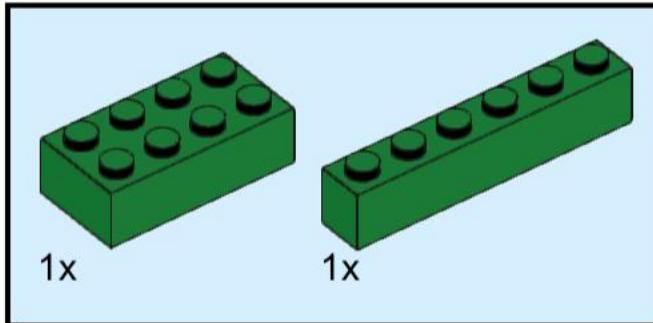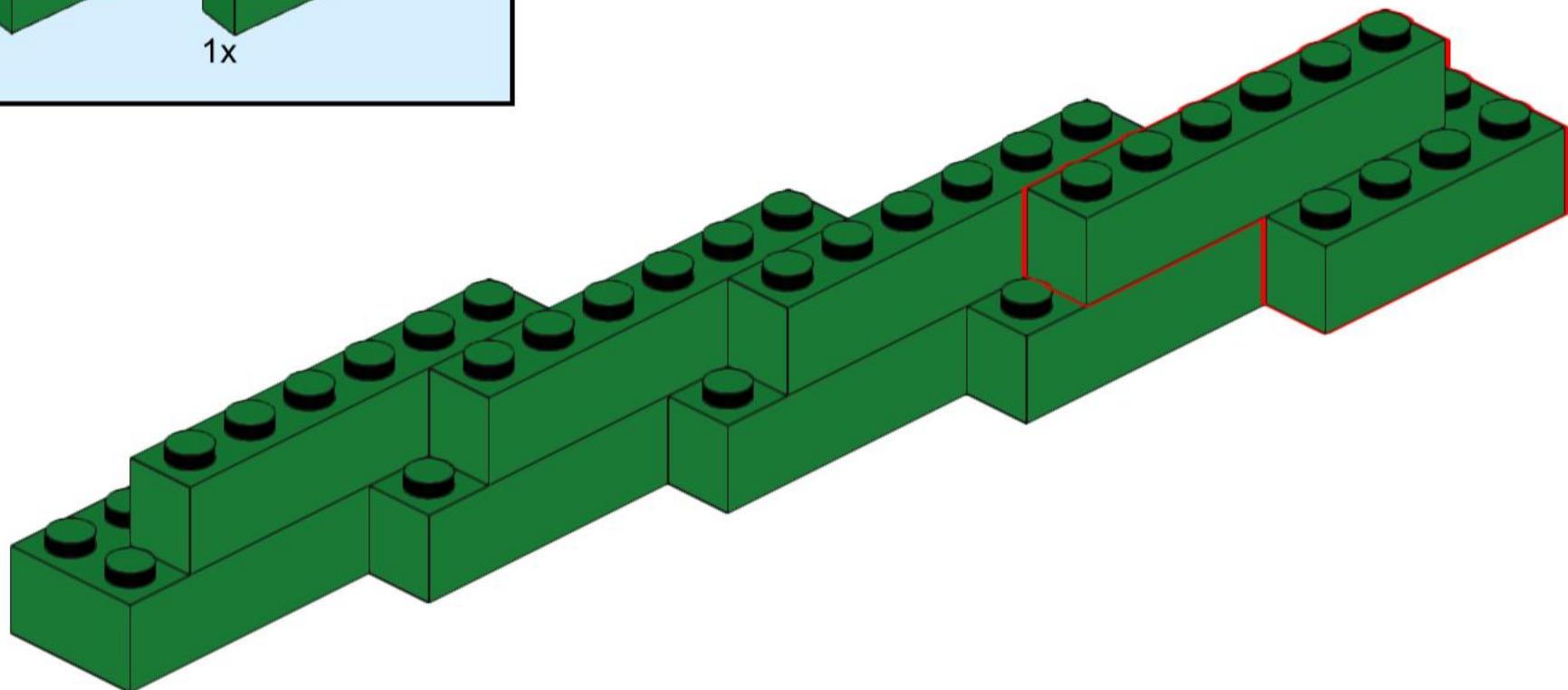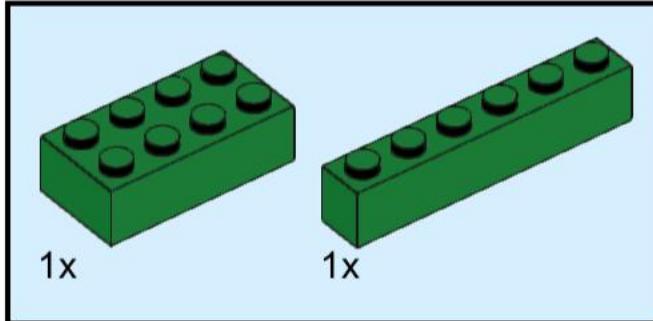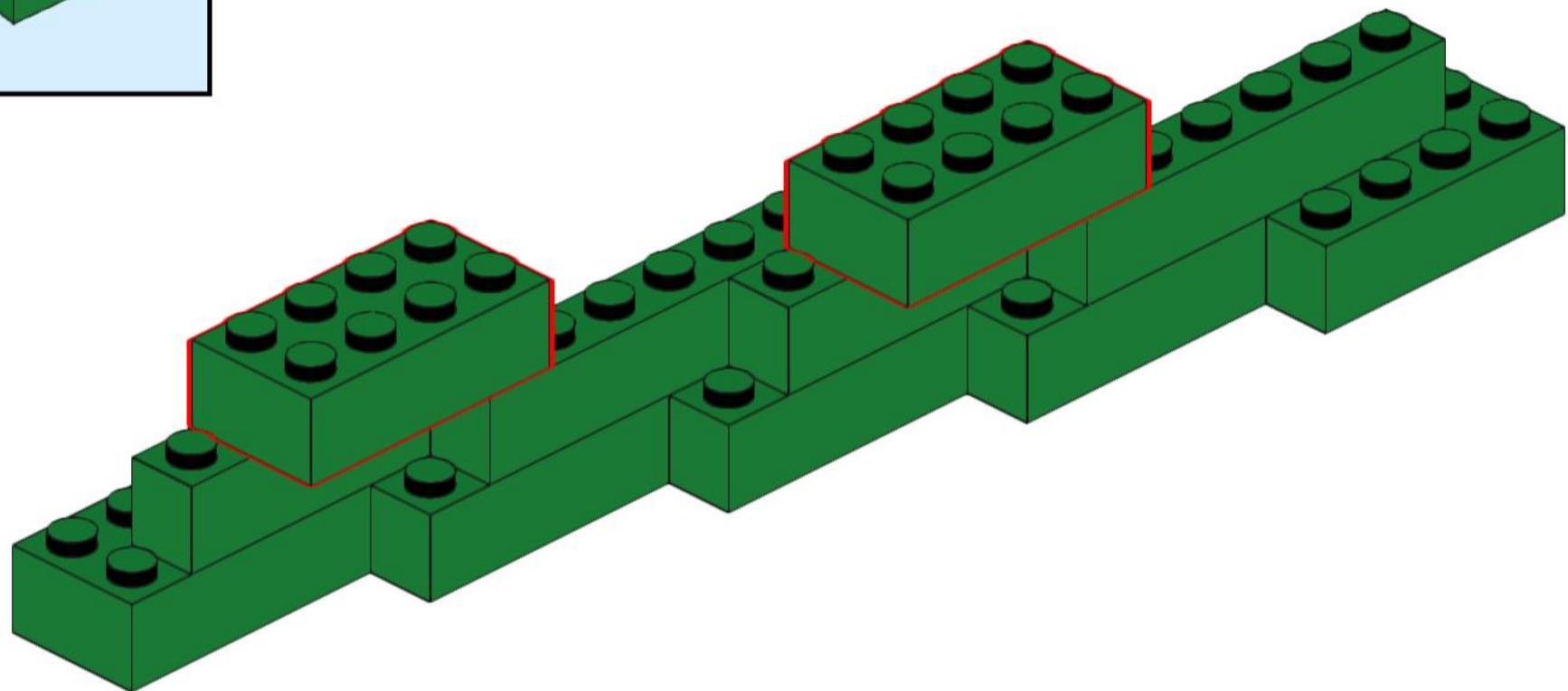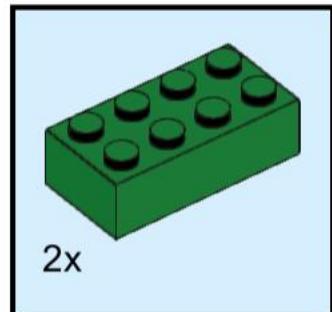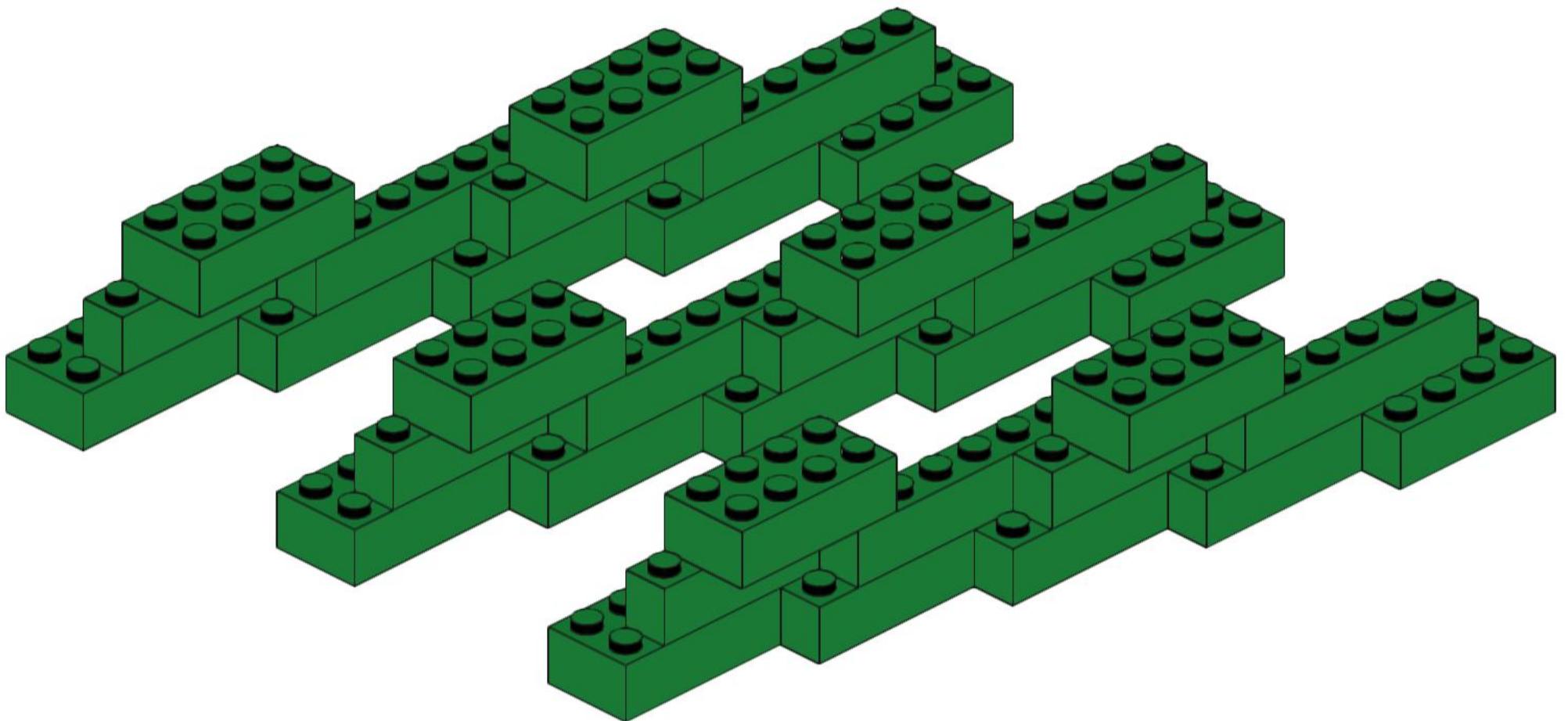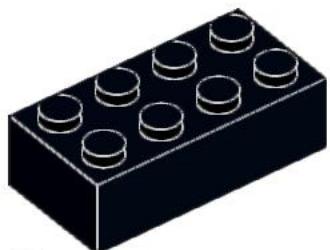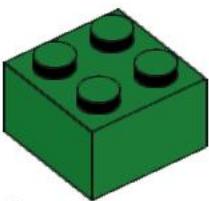
3x

6
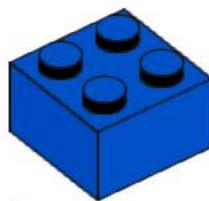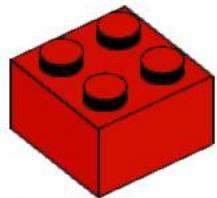
12x
3001
Black
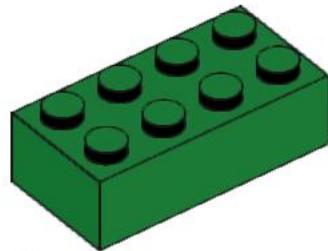
4x
3003
Green
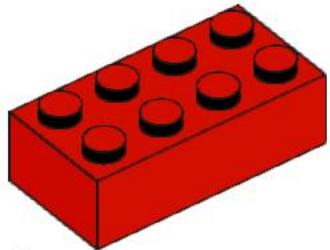
2x
3003
Blue
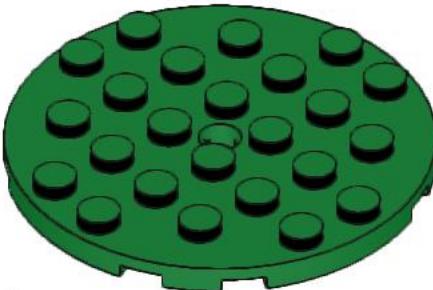
4x
3003
Red
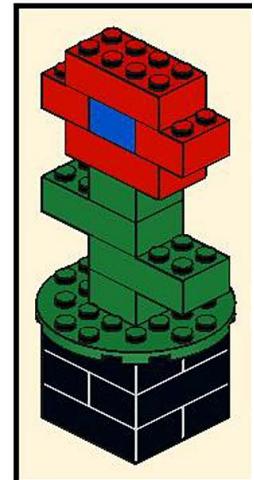
4x
3001
Green

4x
3001
Red
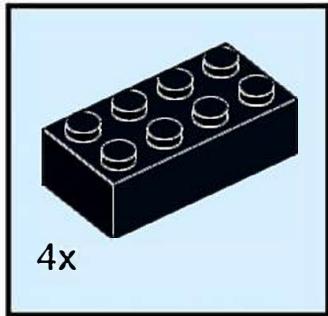
2x
11213
Green

2x

1

4x

2x

2

2x

3

1x   1x

4

2x

5

1x   1x

6
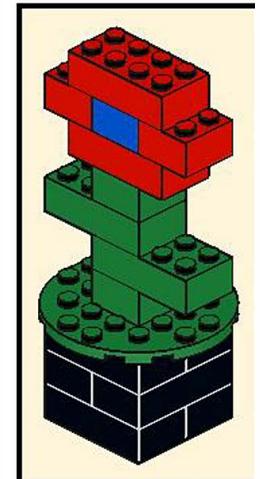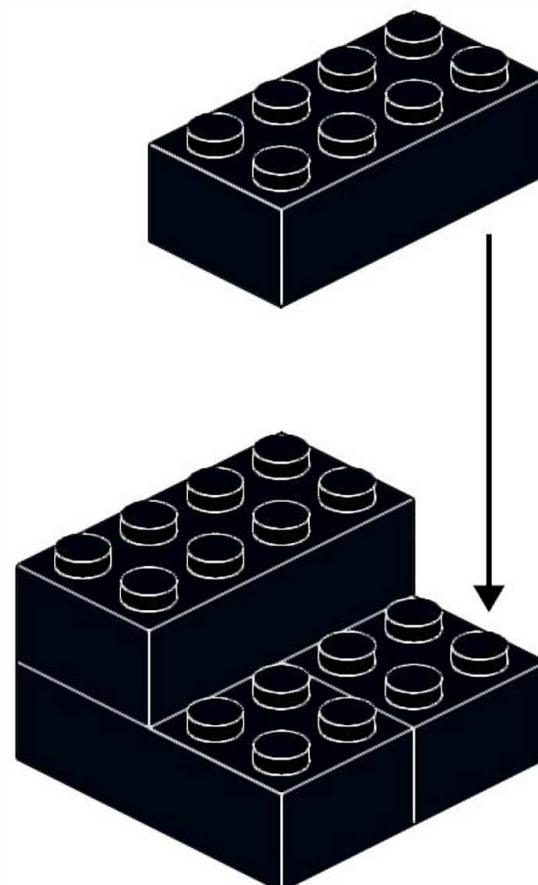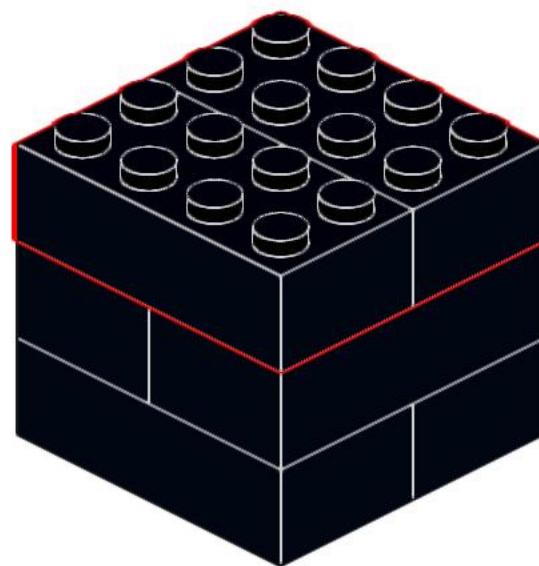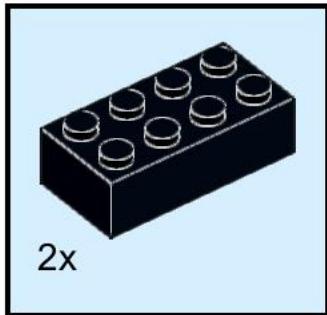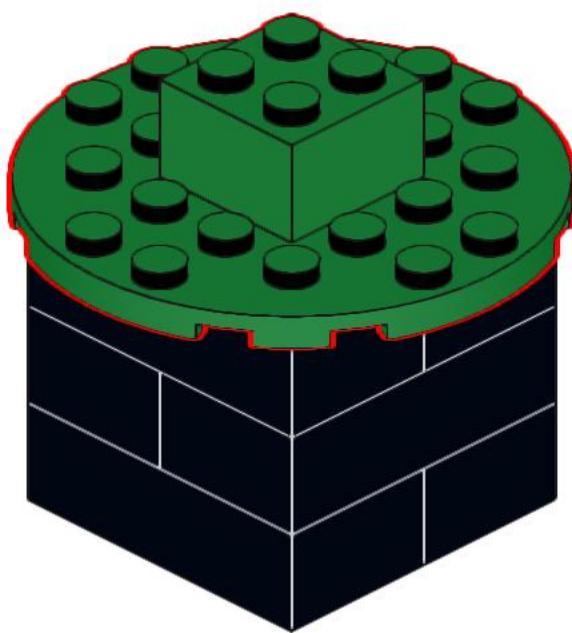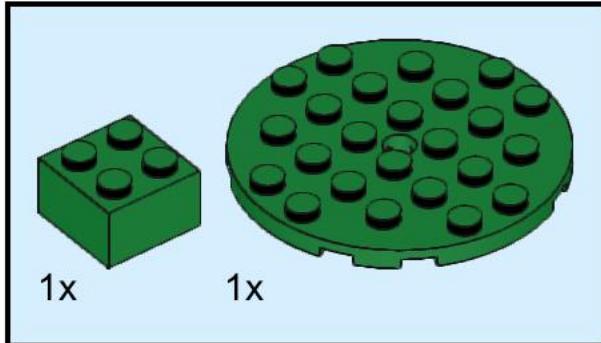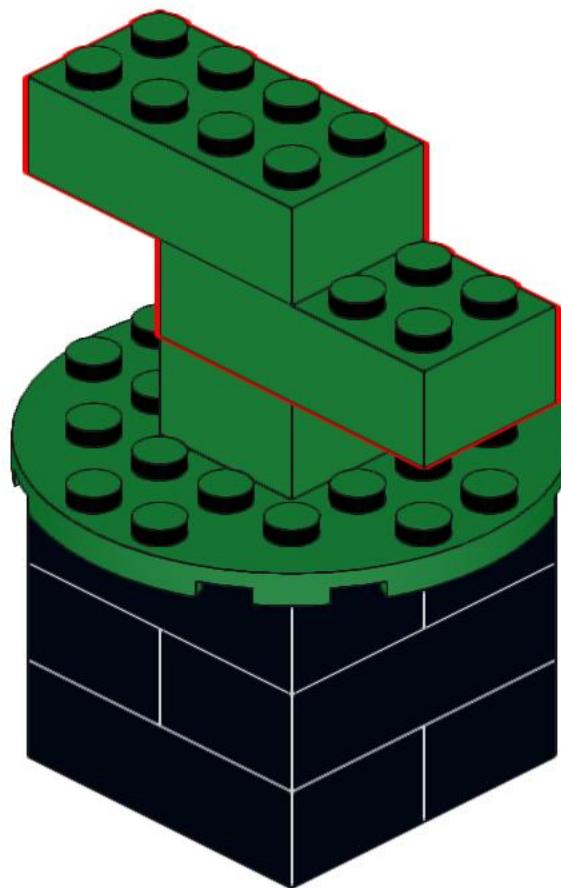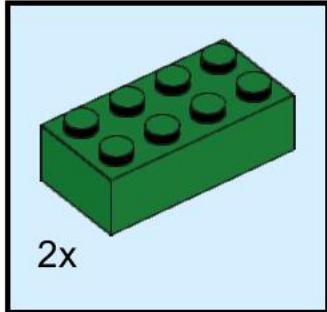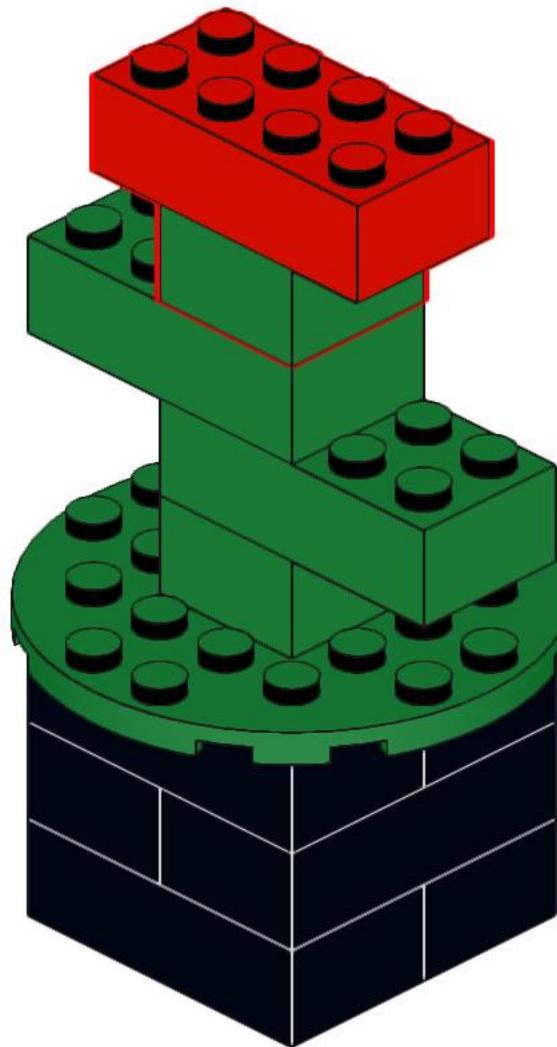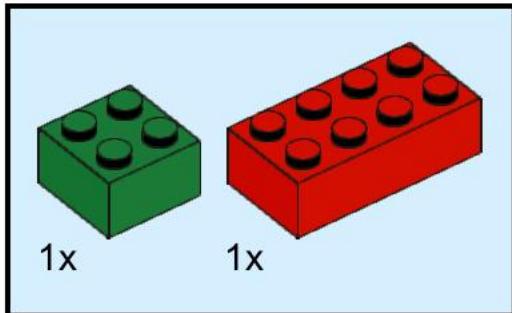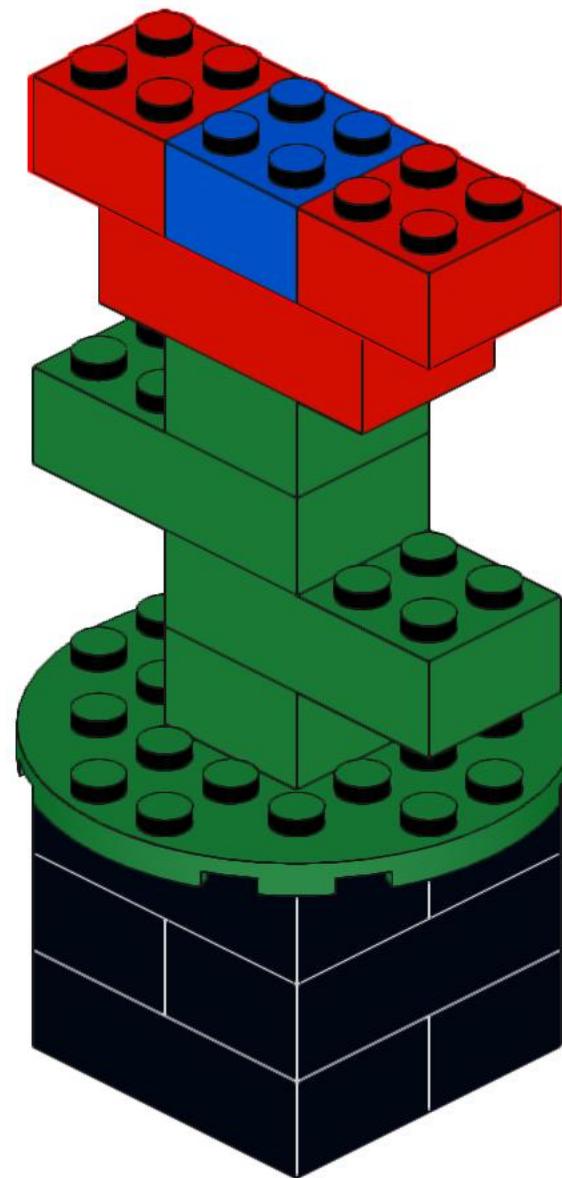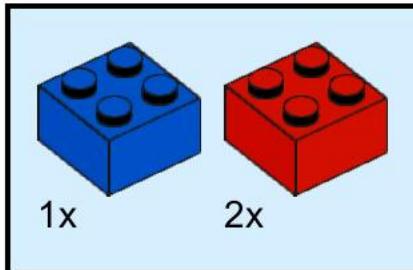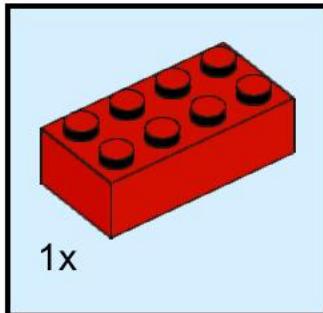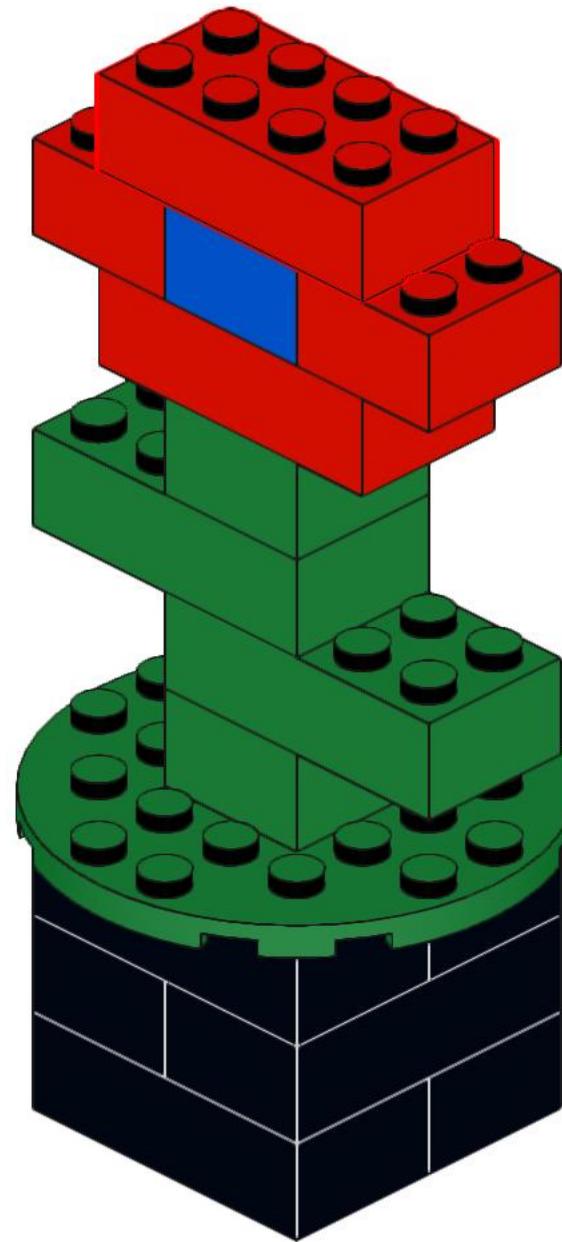
1x   2x

7
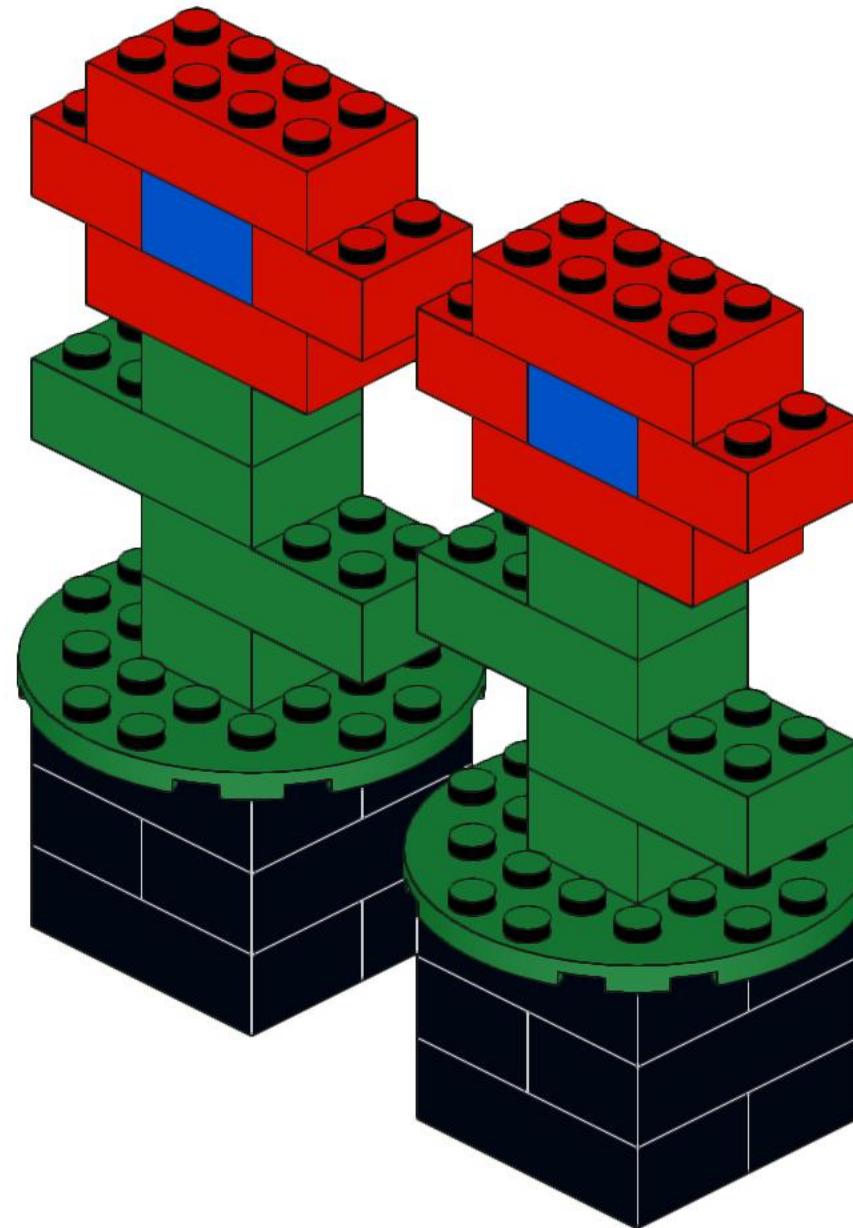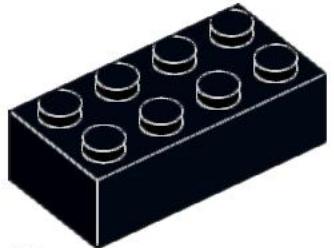
1x
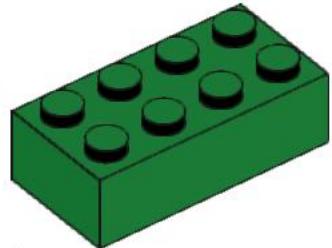
2x

8
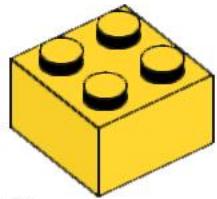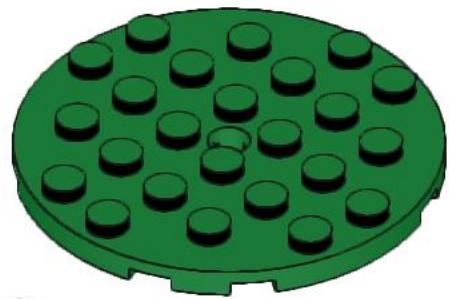
12x
3001
Black
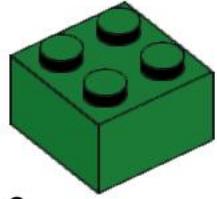
8x
3001
Green
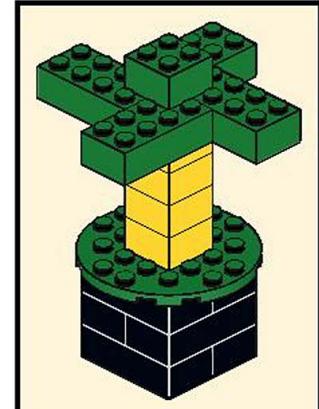
8x
3003
Yellow

2x
11213
Green

2x
3003
Green

**2x**

1

4x

2x

2

2x

3

1x   1x

4

3x

5 2x

6

2x
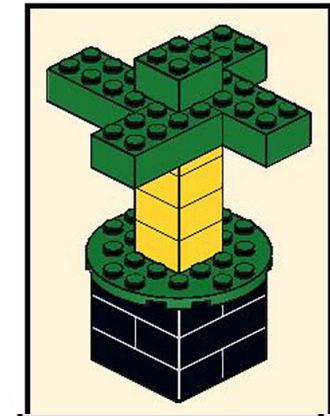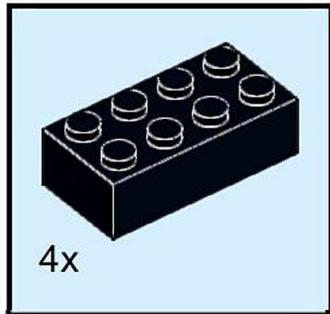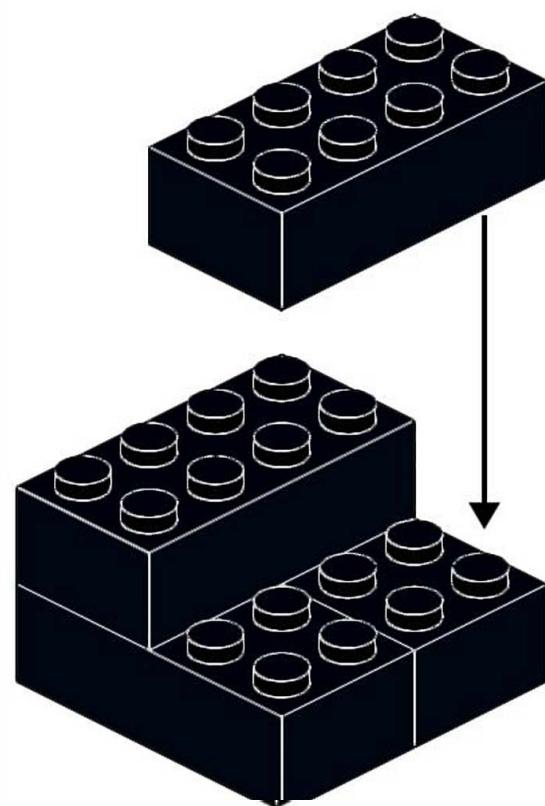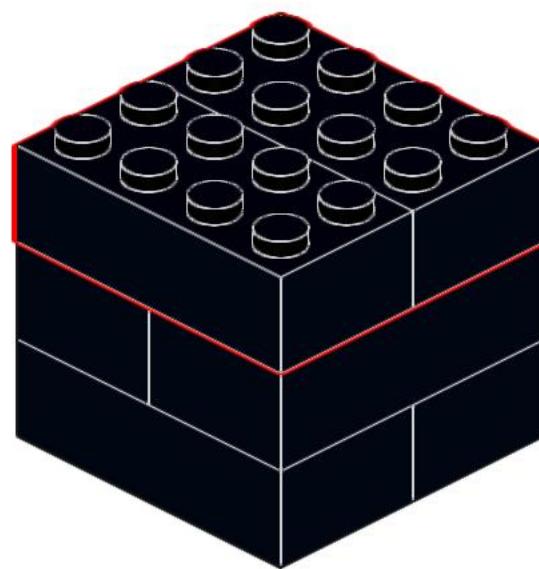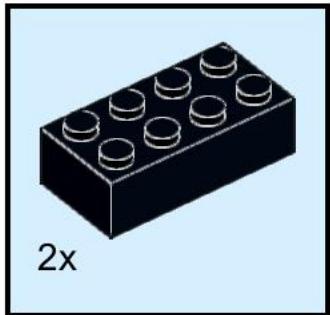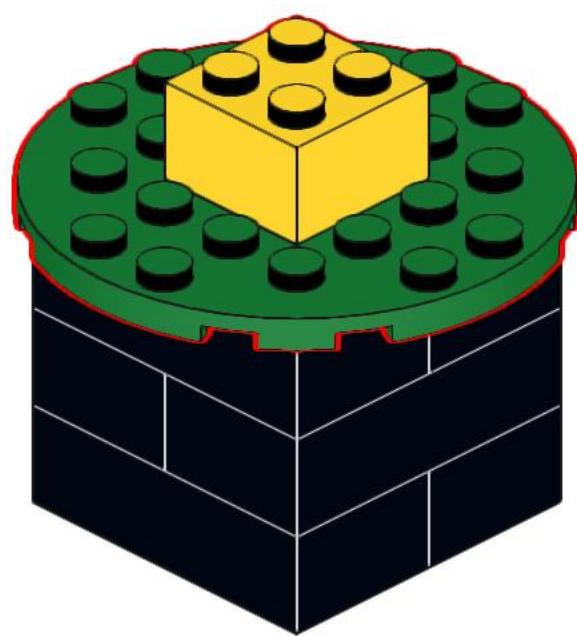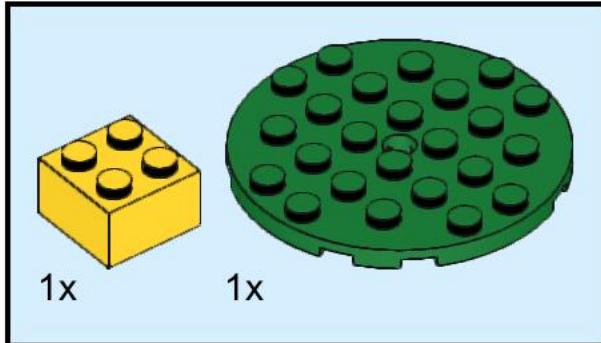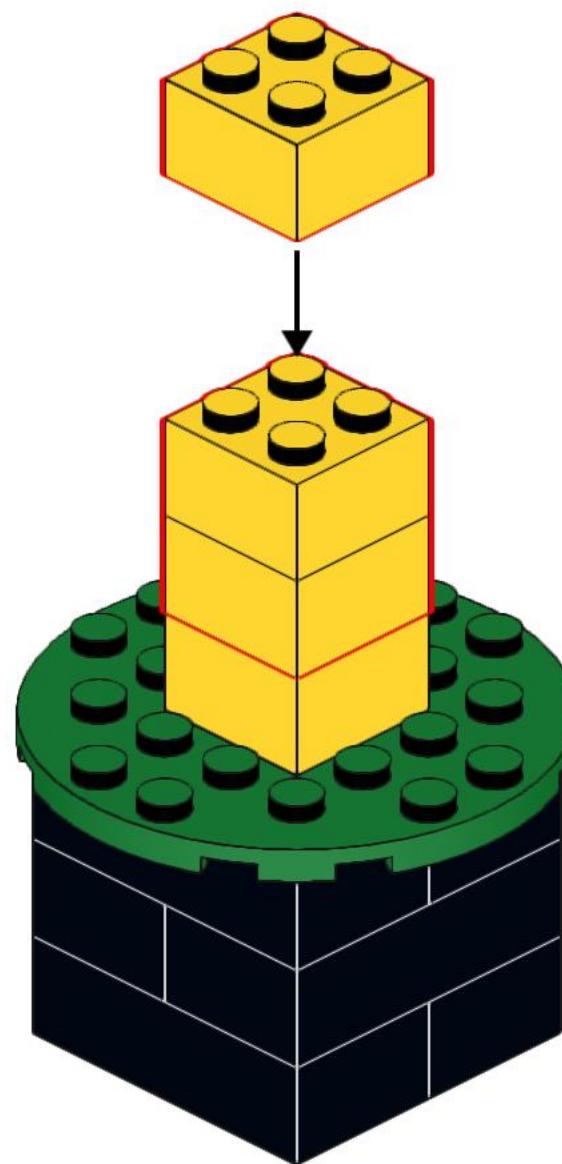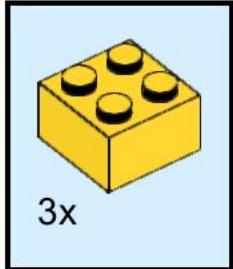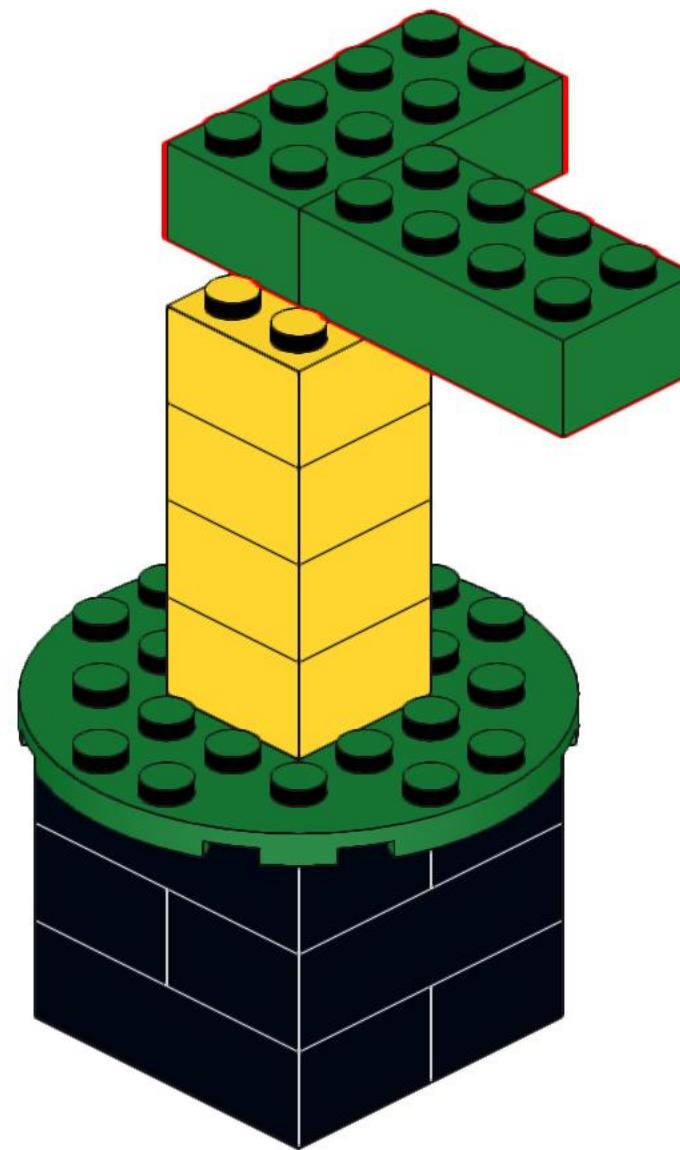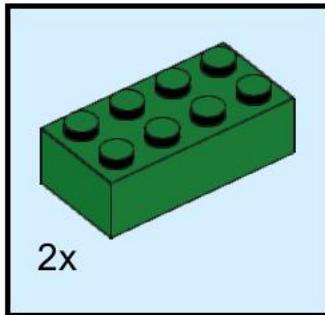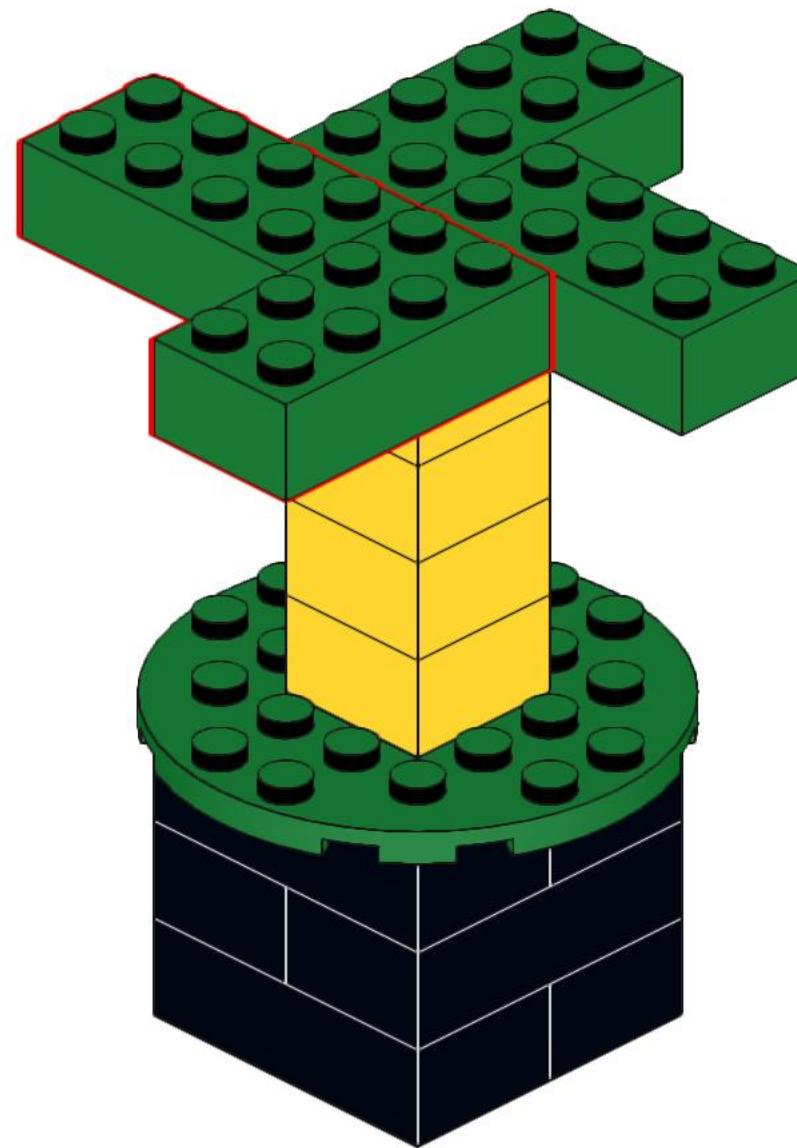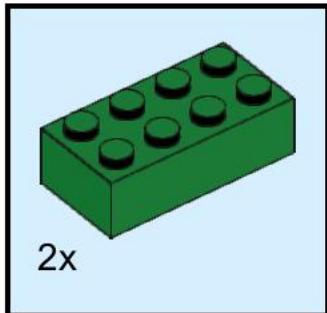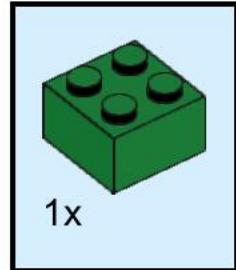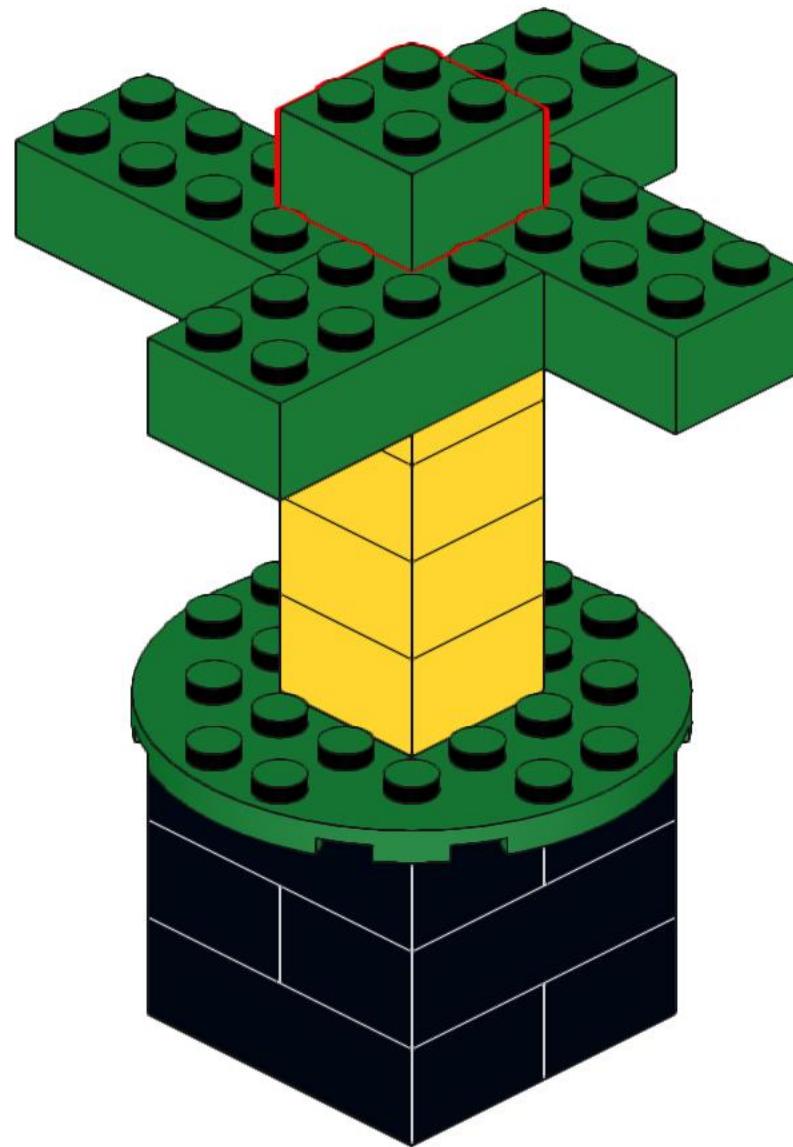
7
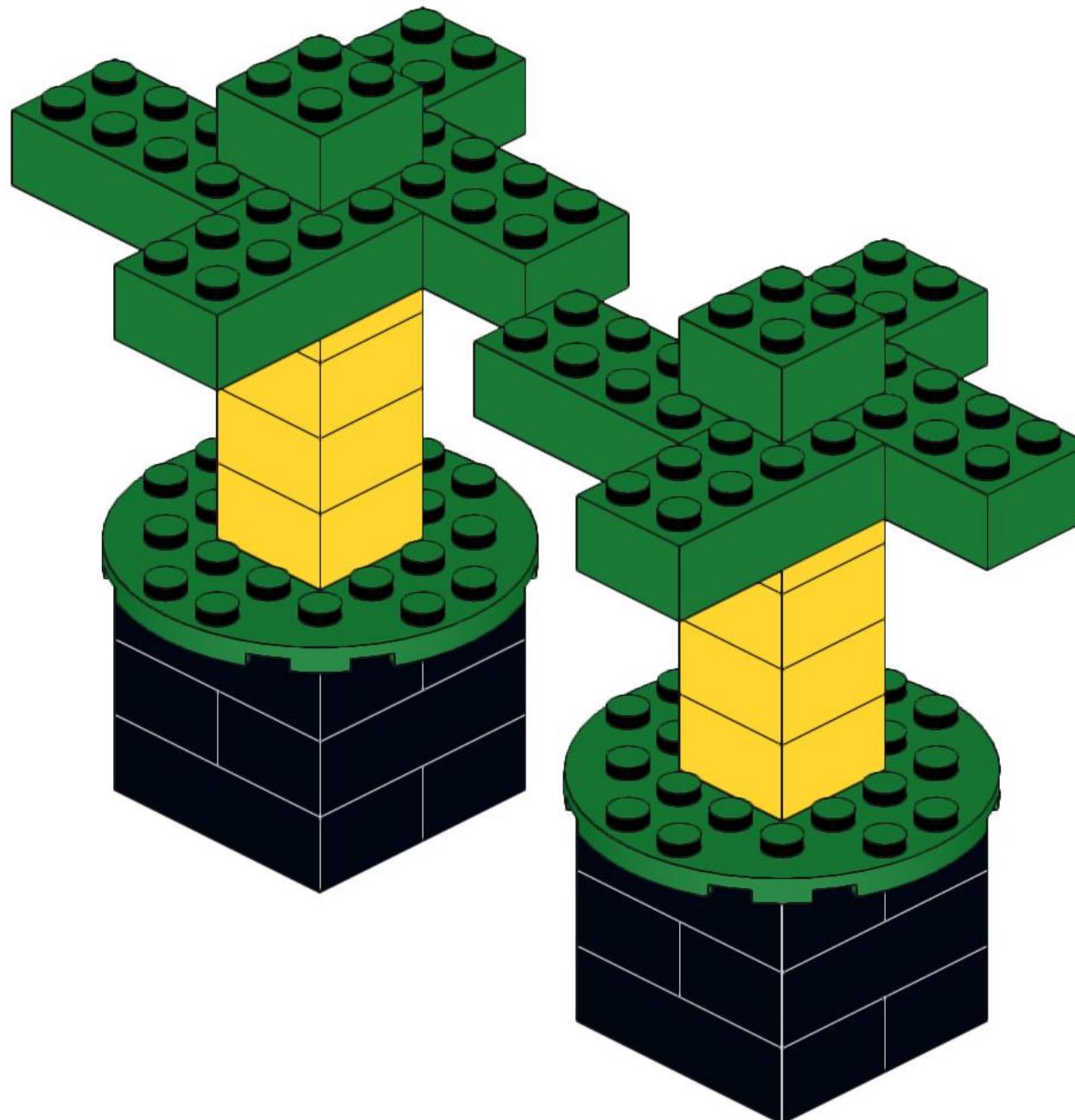
1x
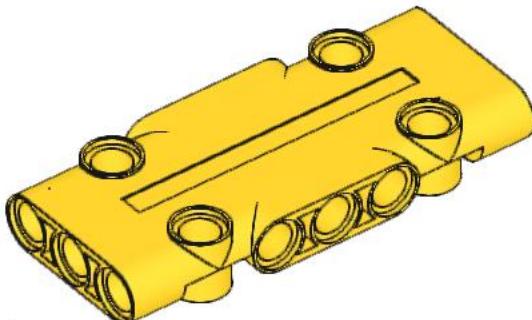
2x

8
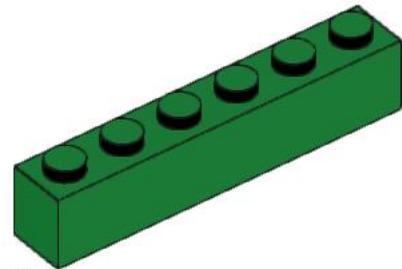
6x
4274
Light Bluish Gray

6x
3009
Green

3x
71709
Yellow
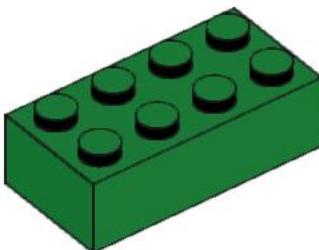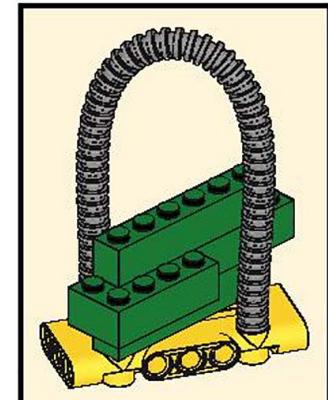
6x
43093
Blue

6x
3001
Green
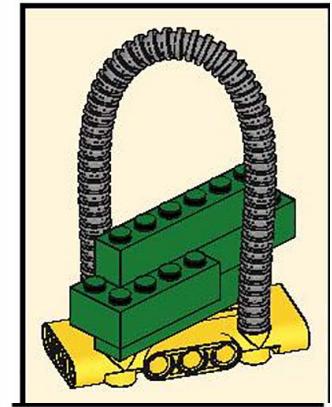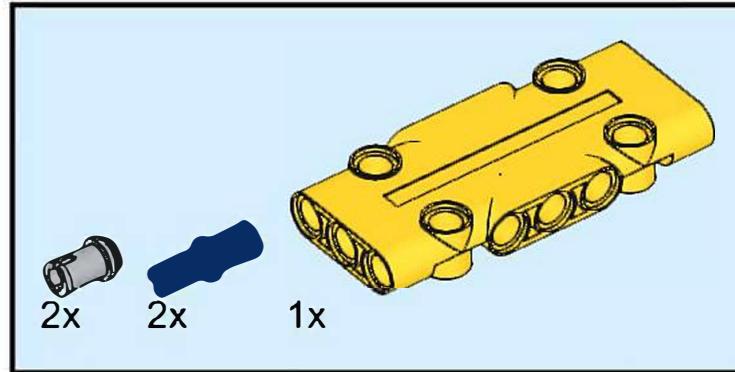
3x
78c18
Flat Silver

3x

**1**

2x 2x 1x

3x

**2**

1x

3

2x

4

1x
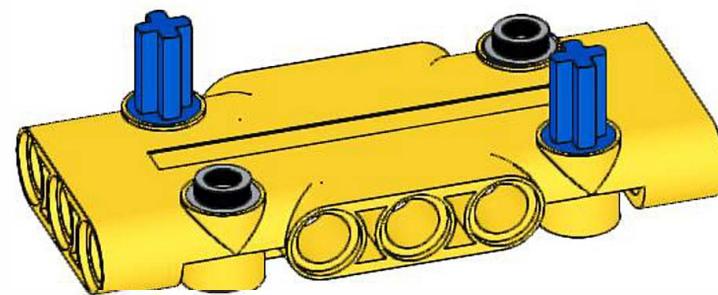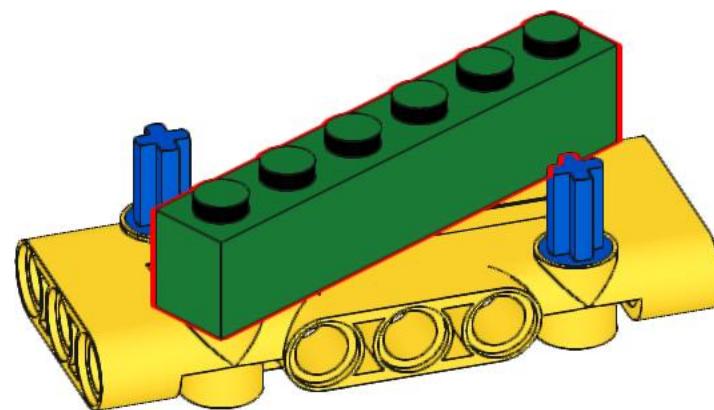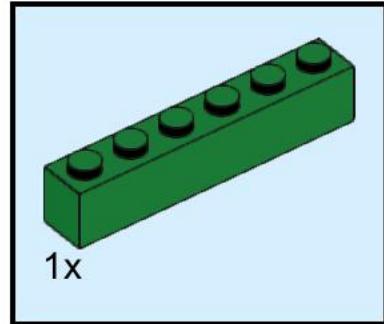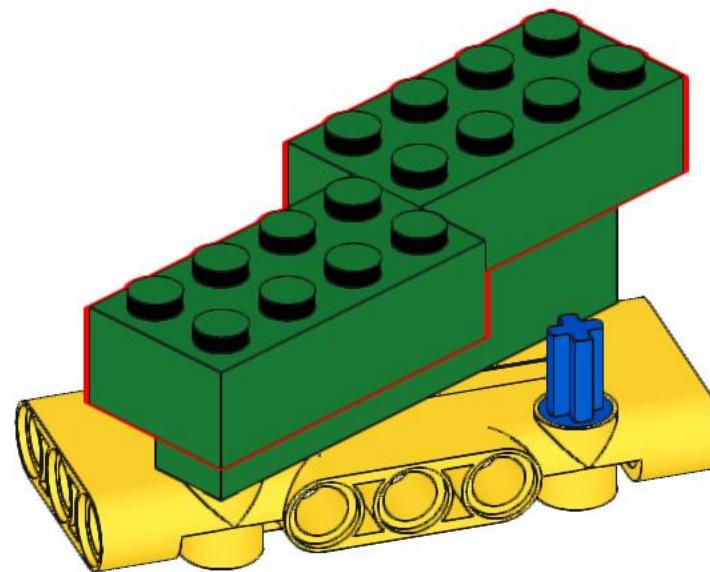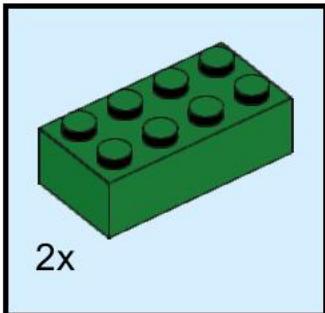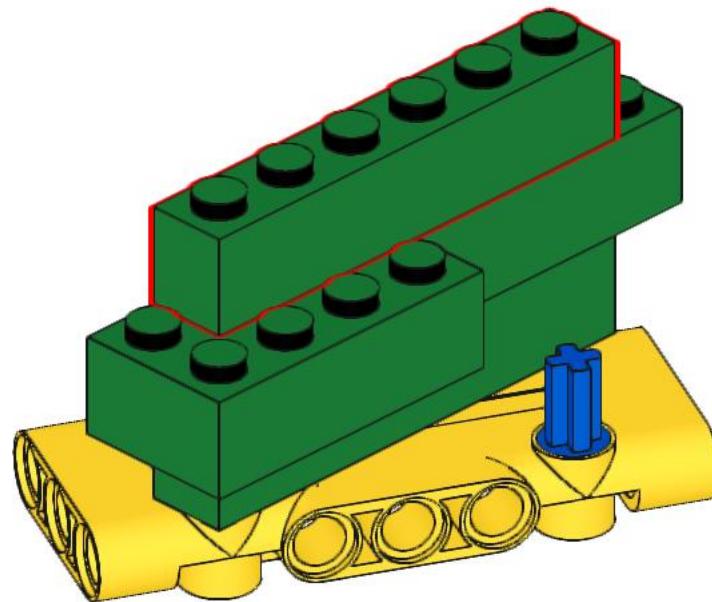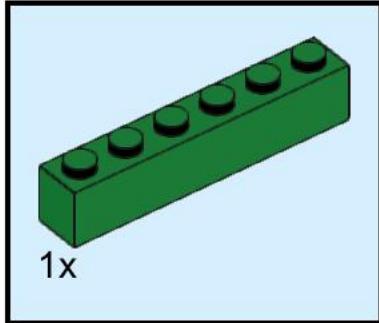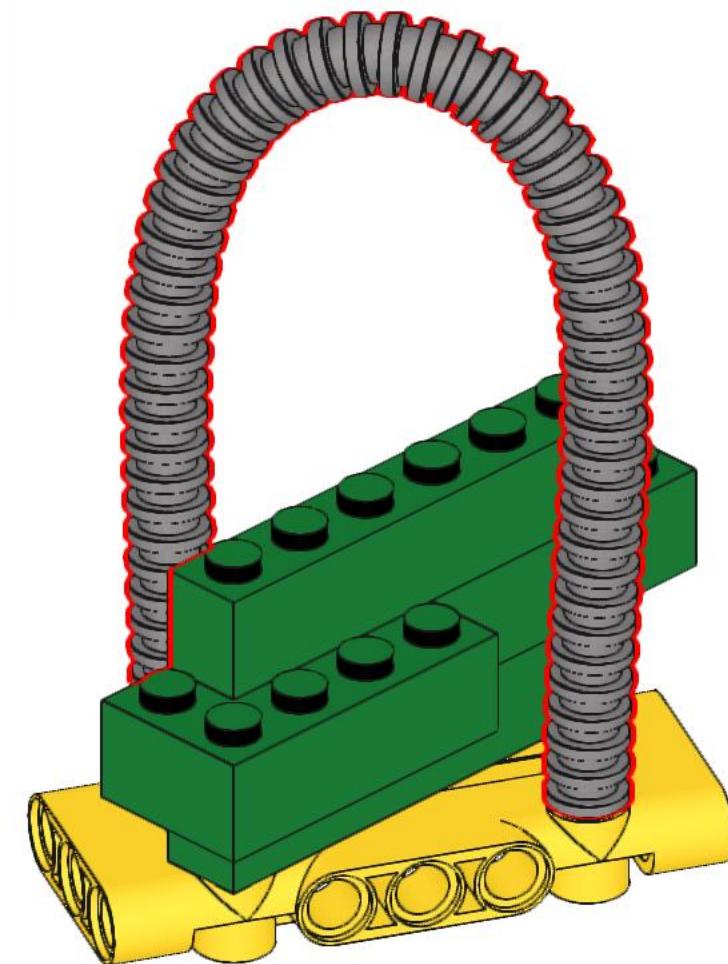
5
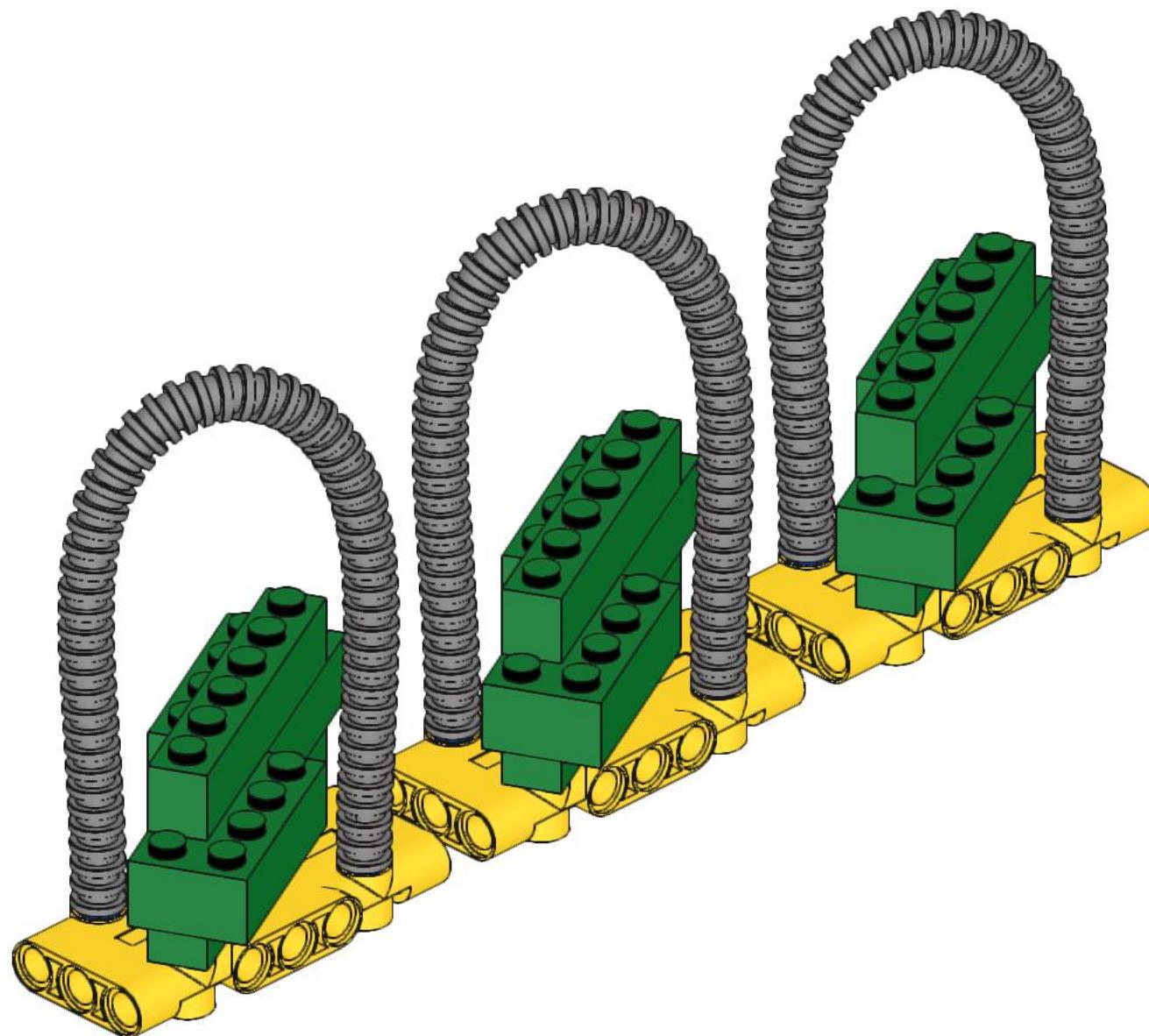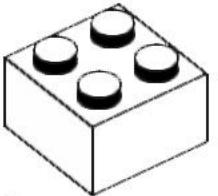
1x
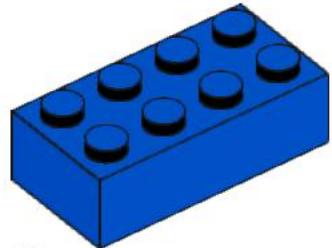
3x

6
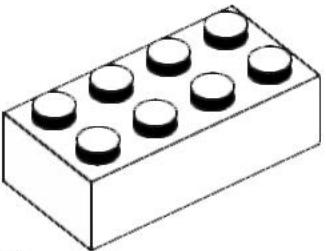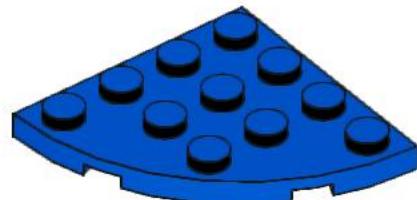
2x
3003
White
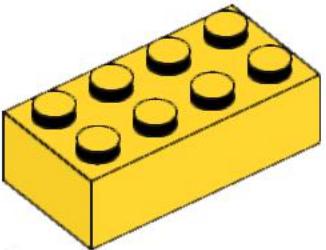
20x
3001
Blue
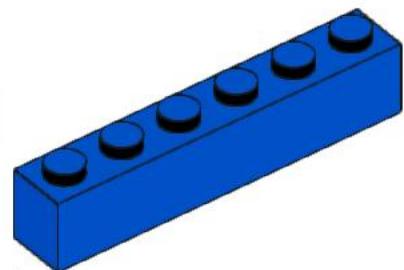
2x
3001
White
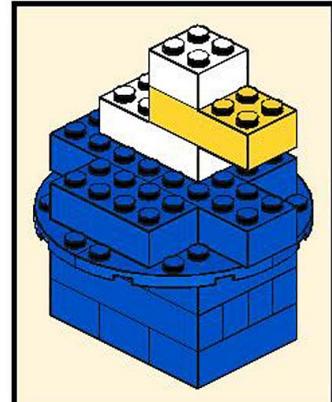
8x
30565
Blue

2x
3001
Yellow

8x
3009
Blue

2x

1

3x 1x

2x

2

3x

3

3x

4

2x

5

2x

6

2x

7

2x

8

1x

9

1x   1x

2x

10