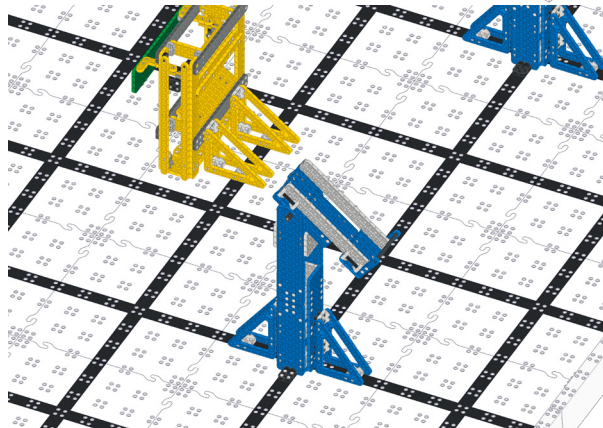
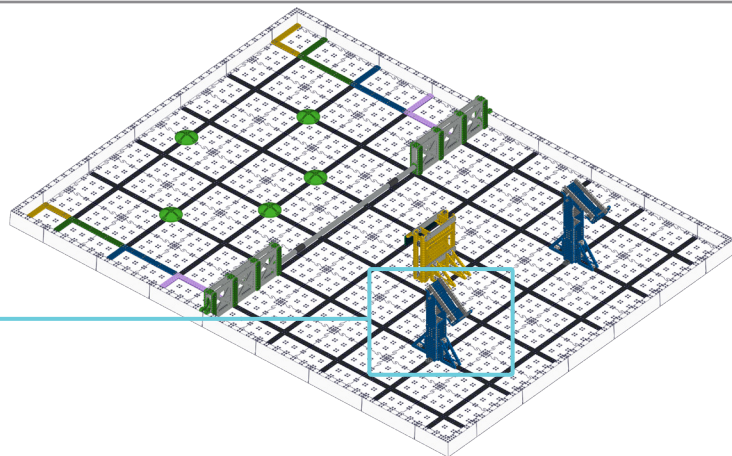
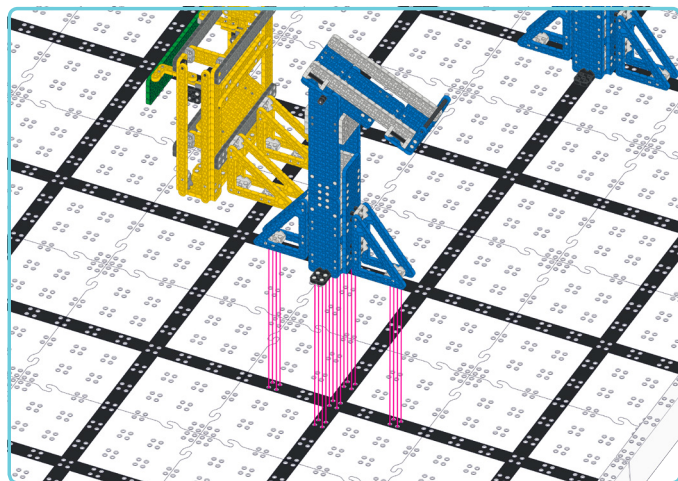
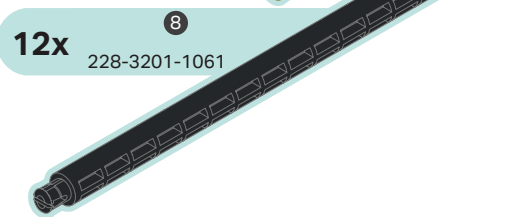
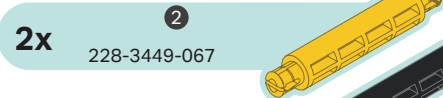
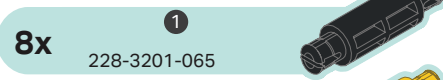
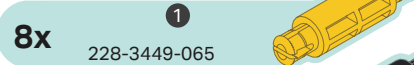
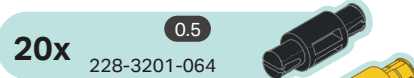
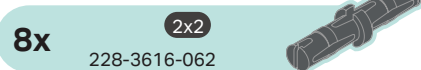
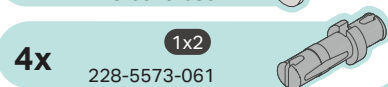
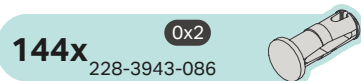
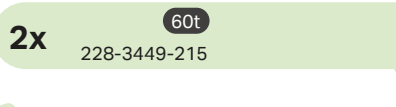
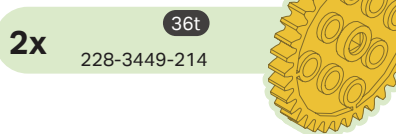
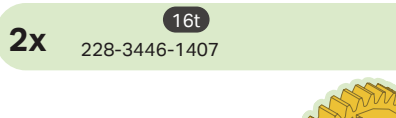
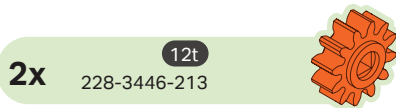
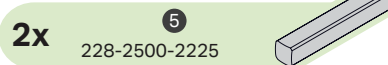
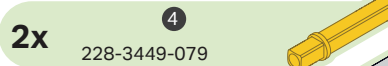
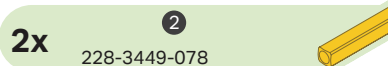
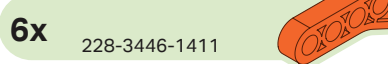
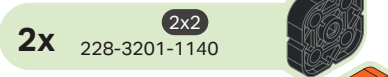
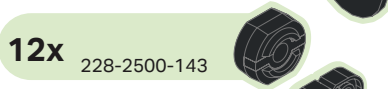
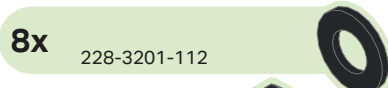
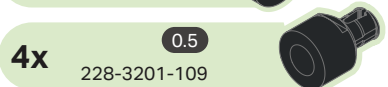
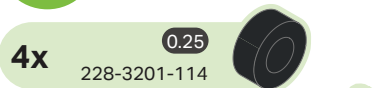


48



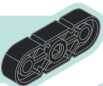
Purple Dispenser



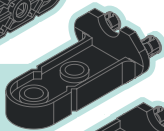


2x 228-3201-1141

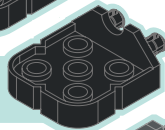
1x3



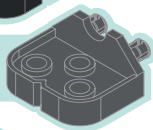
4x 228-3201-131



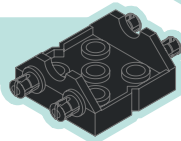
8x 228-3201-134



12x 228-3616-135

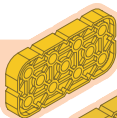


4x 228-3201-220



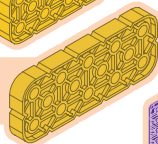
2x 228-3449-019

2x4



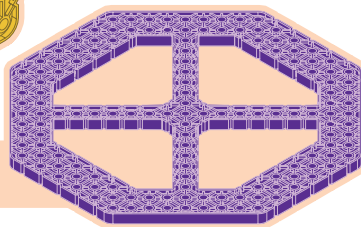
4x 228-3449-020

2x5



2x 228-3448-1381

14x14



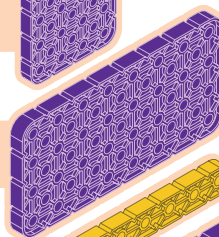
6x 228-3448-040

4x4



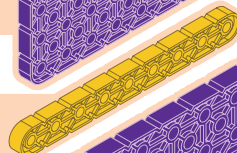
4x 228-3448-043

4x8



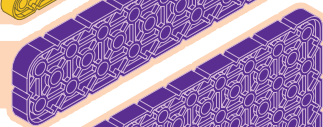
6x 228-3449-008

1x9



2x 228-3448-025

2x10



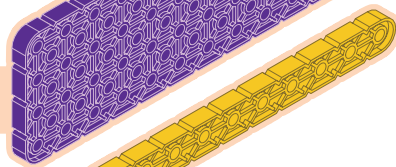
4x 228-3448-044

4x10



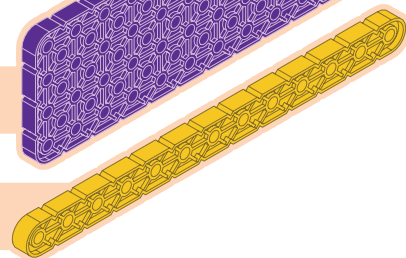
12x 228-3448-045

4x12



4x 228-3449-012

1x13





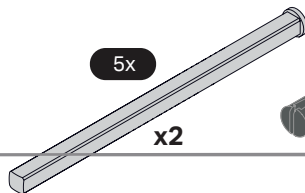
Please pay close attention to the locations for all of the parts in the assembly. Failure to follow the instructions exactly can result in damage of the 4x Pitch Plastic Motor Shaft (228-3449-079). If the 4x Pitch Plastic Motor Shaft is damaged please purchase the Plastic Shaft Base Pack (228-3822) for replacements.

2x2

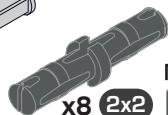


x2

5x



x2



x8

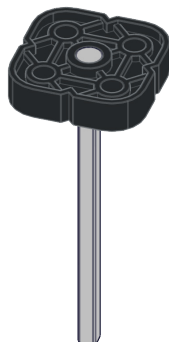
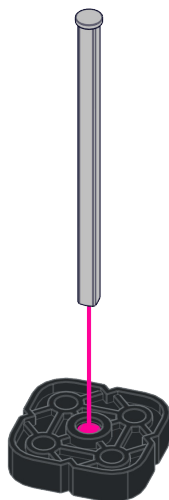
2x2



1:1

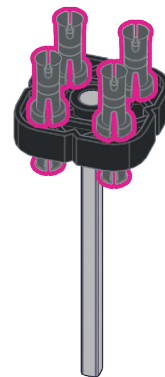
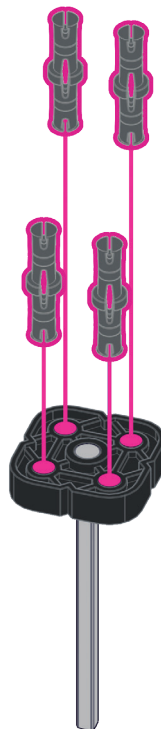
1

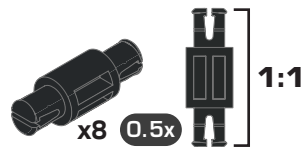
2X



2

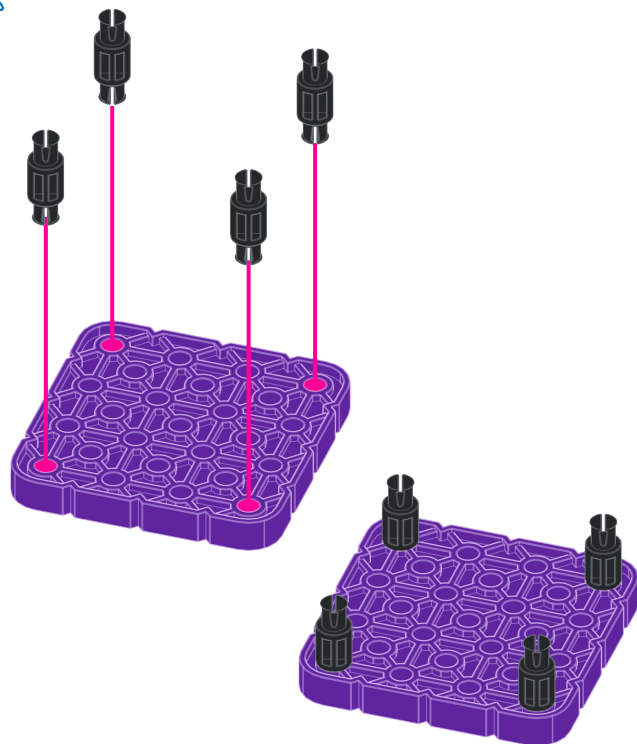
2X





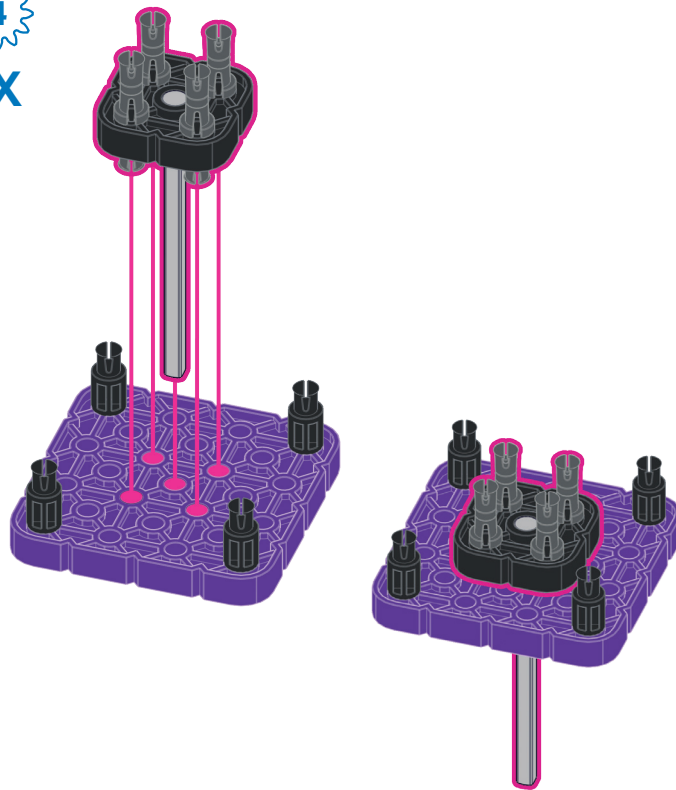
3

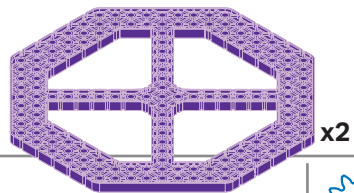
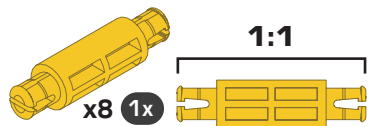
2X



4

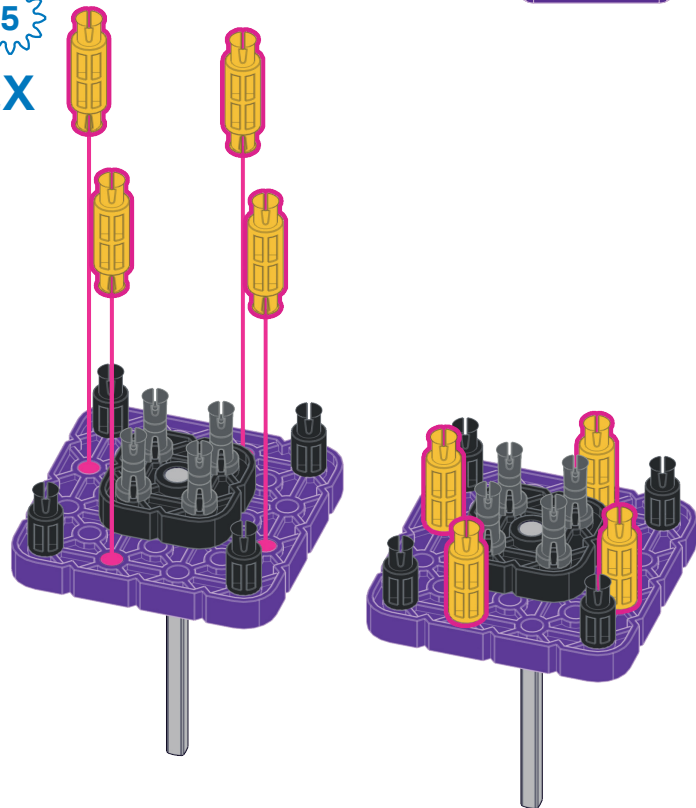
2X





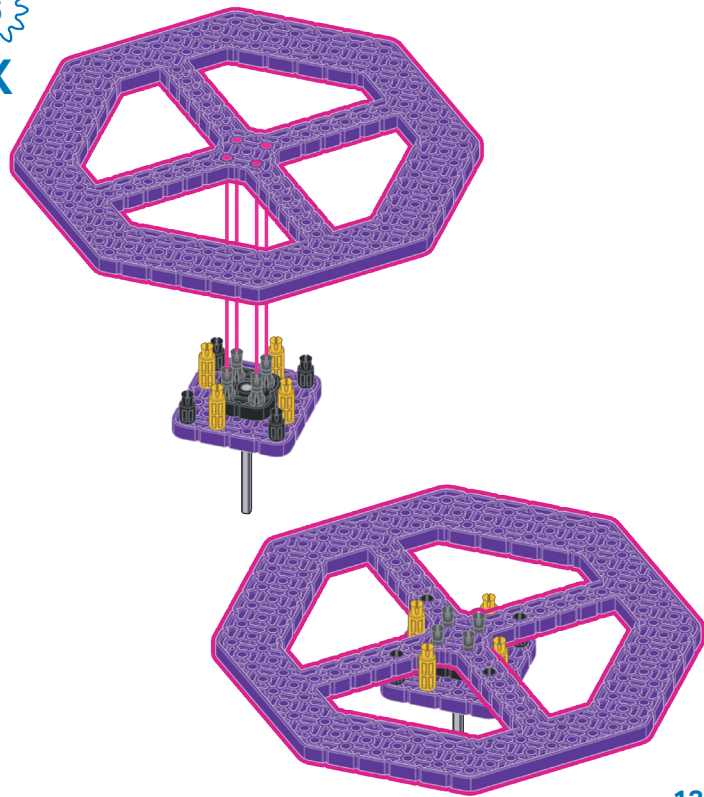
5

2X



6

2X

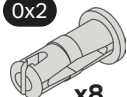


4x4



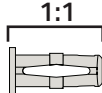
x2

0x2



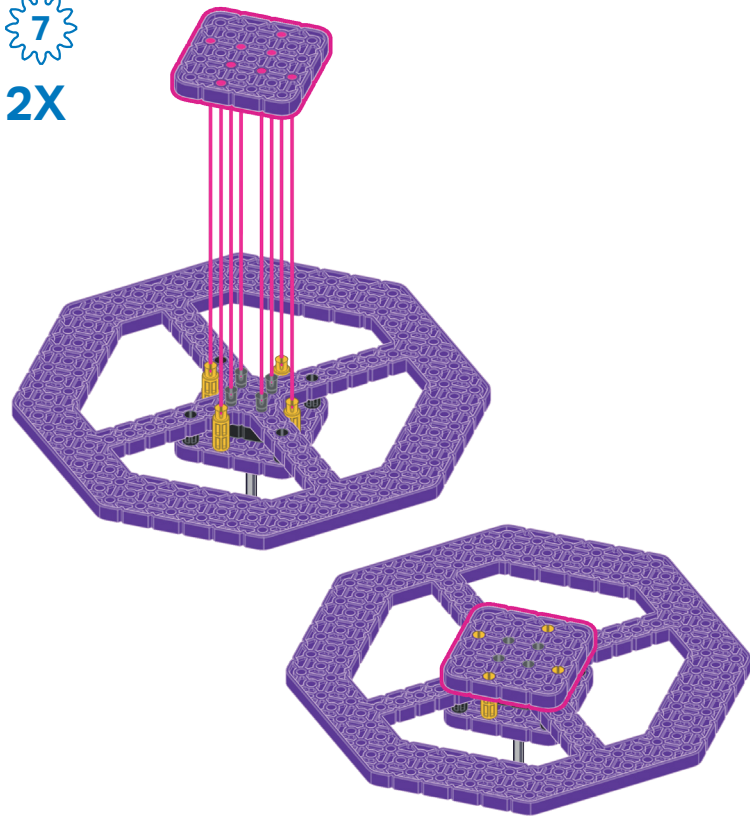
x8

1:1



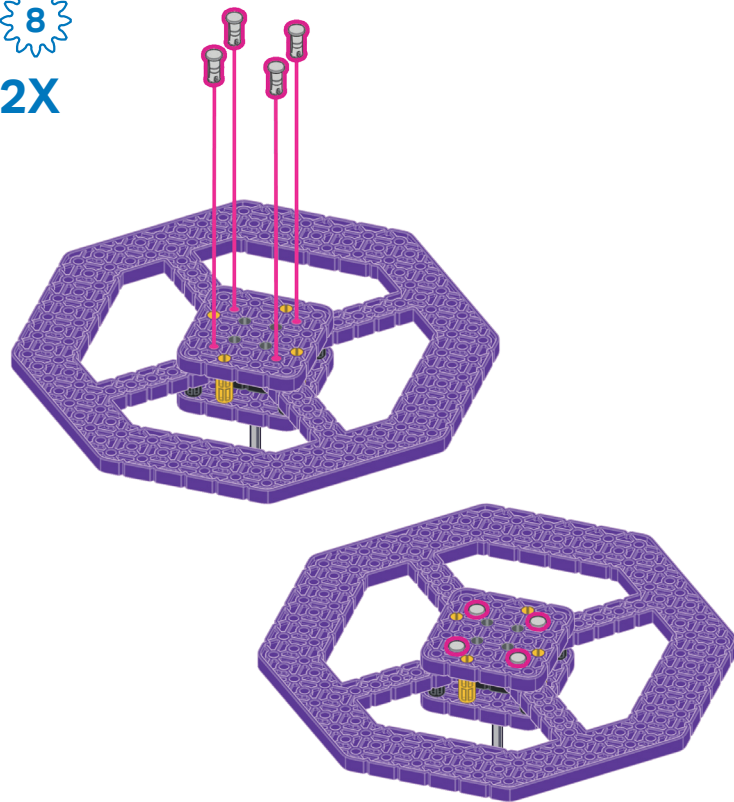
7

2X



8

2X



9

2X

4x12

x4

0x2

x12

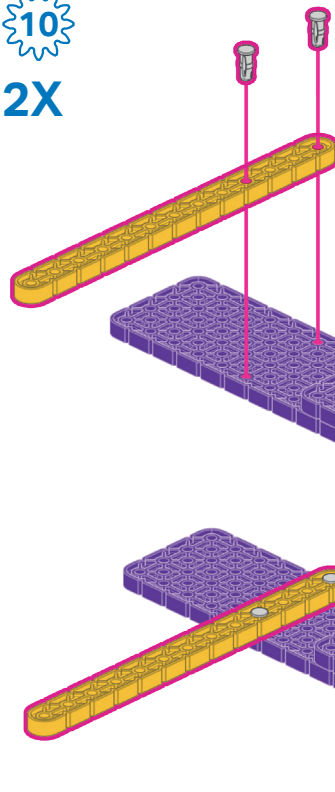
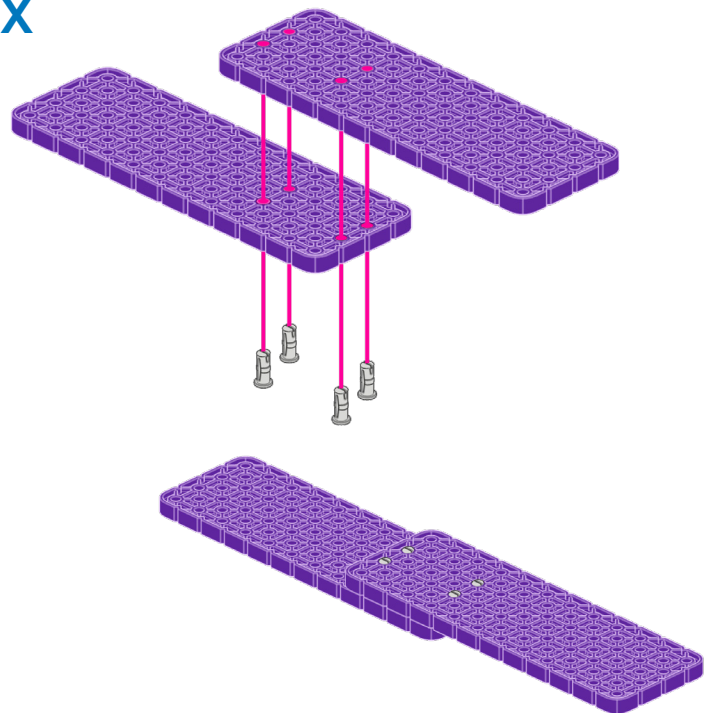
1:1

1x13

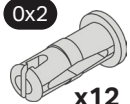
x2

10

2X

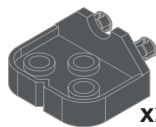
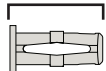


0x2



x12

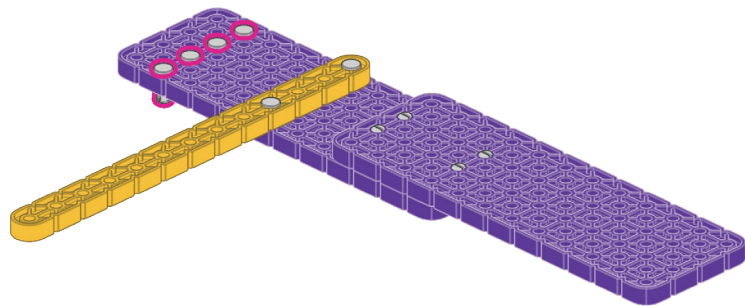
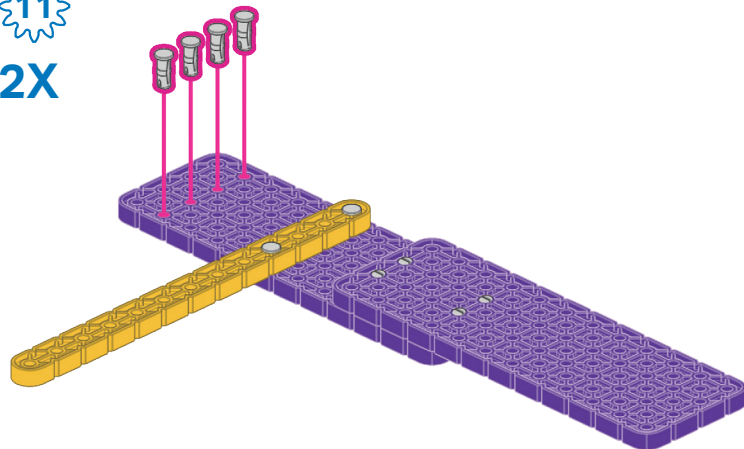
1:1



x2

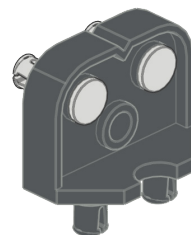
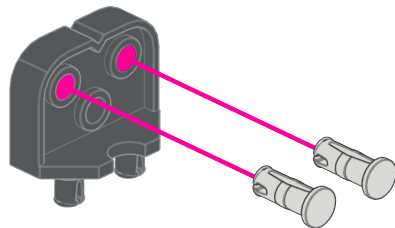
11

2X



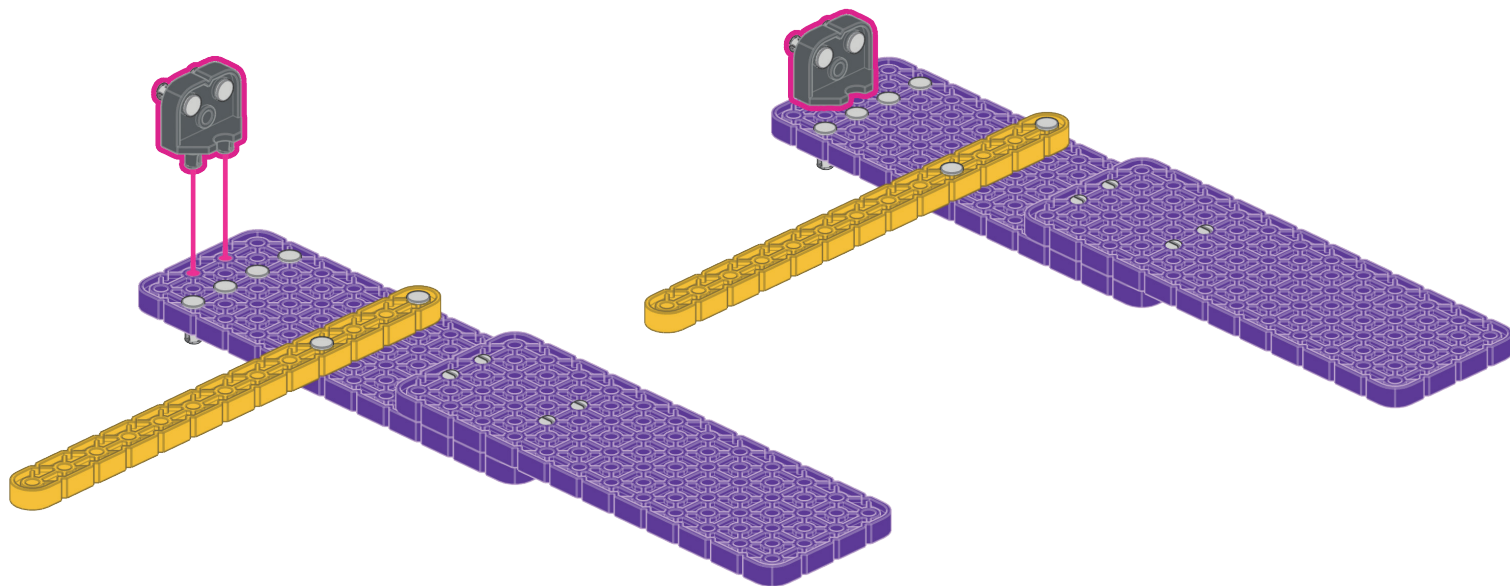
12

2X



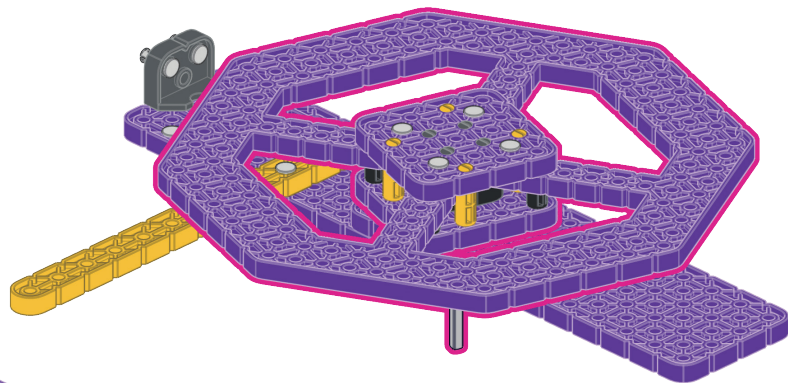
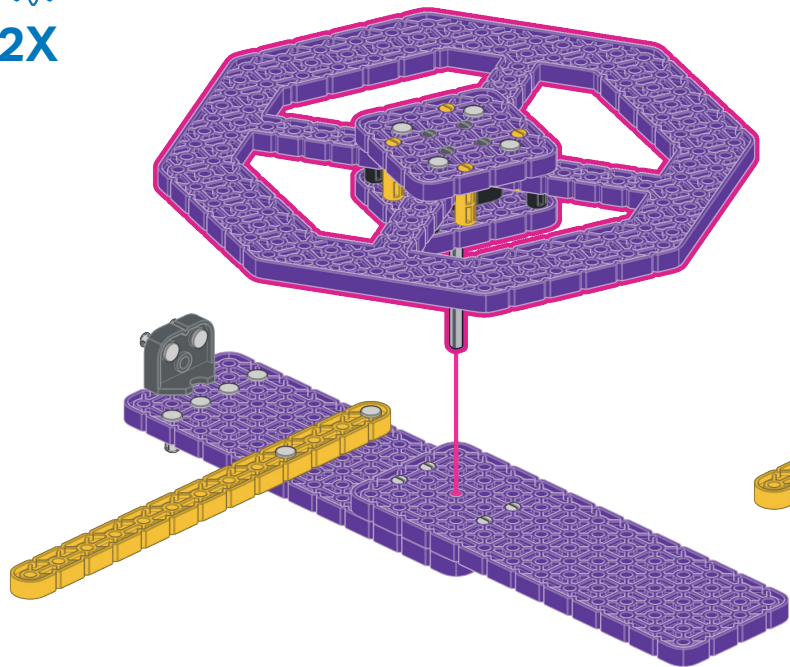
13

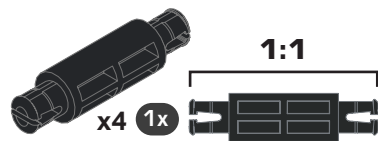
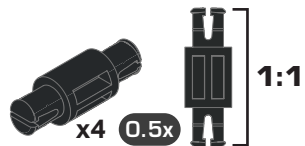
2X



14

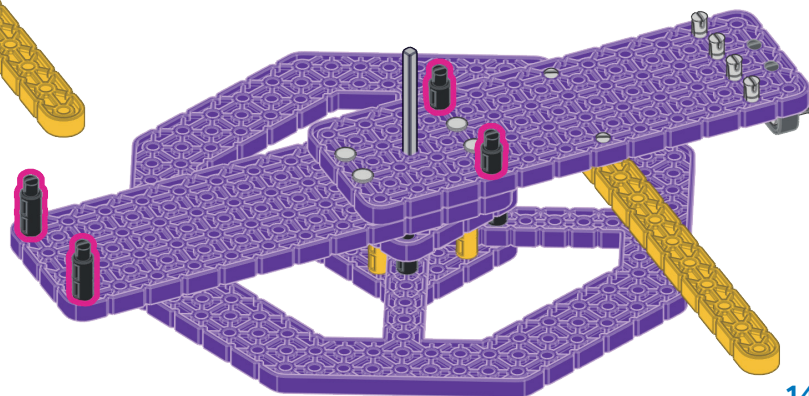
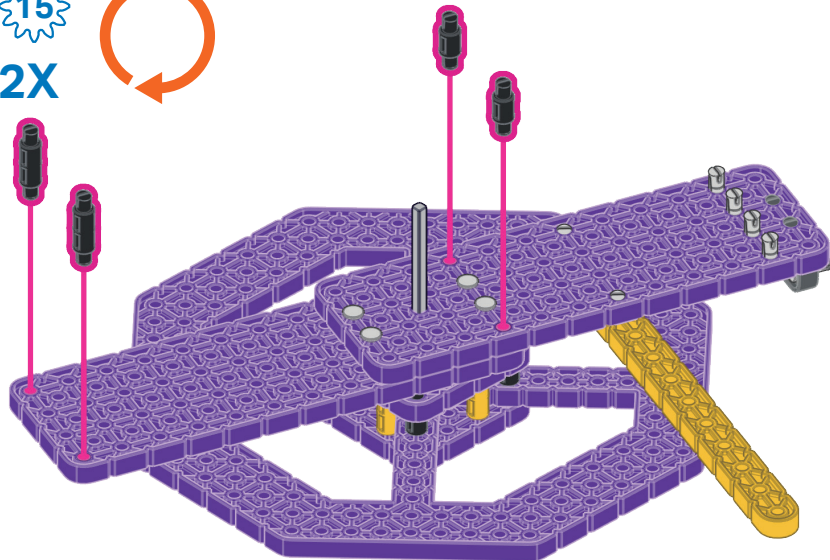
2X





15

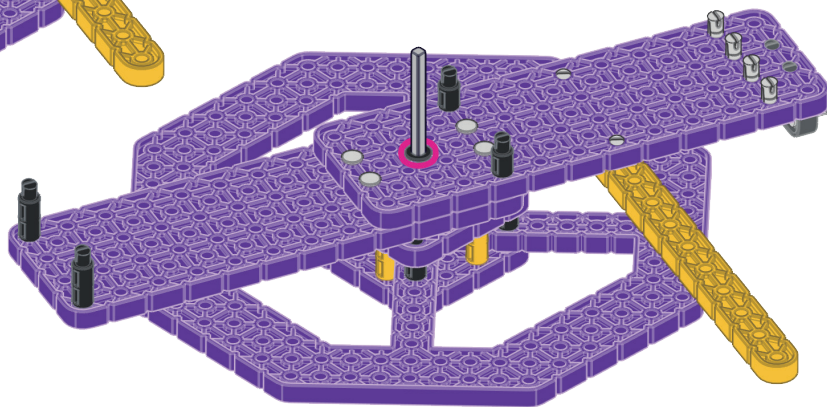
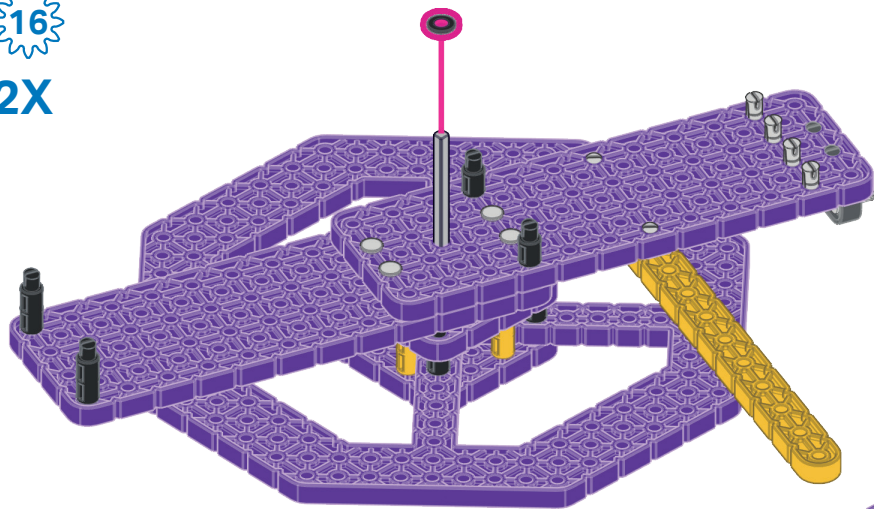
2X





16

2X

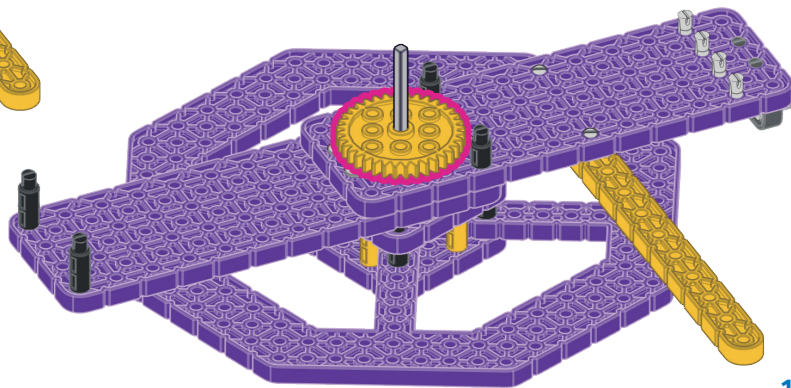
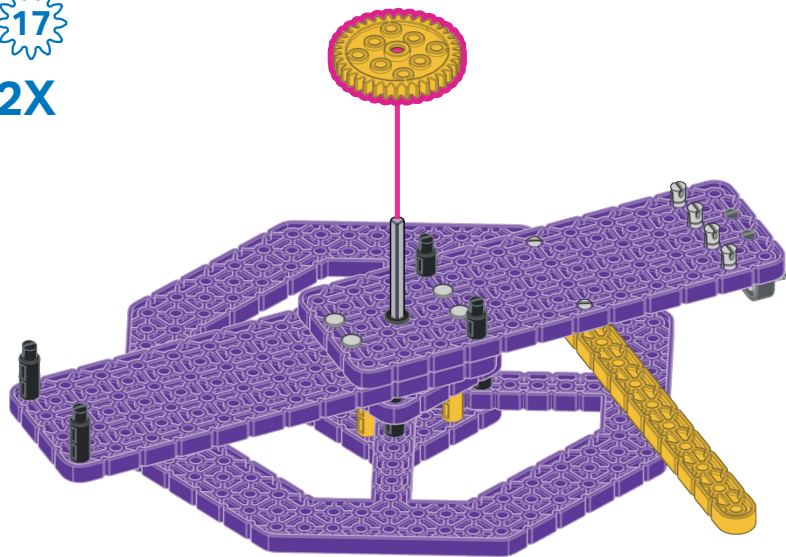


36t

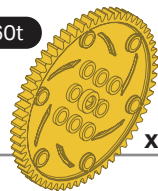


17

2X

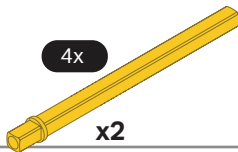


60t



x2

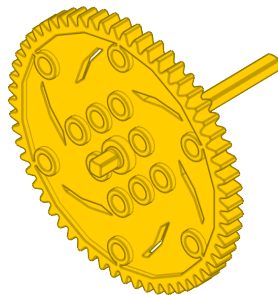
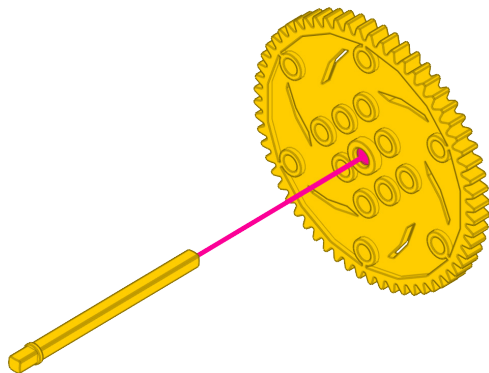
4x



x2

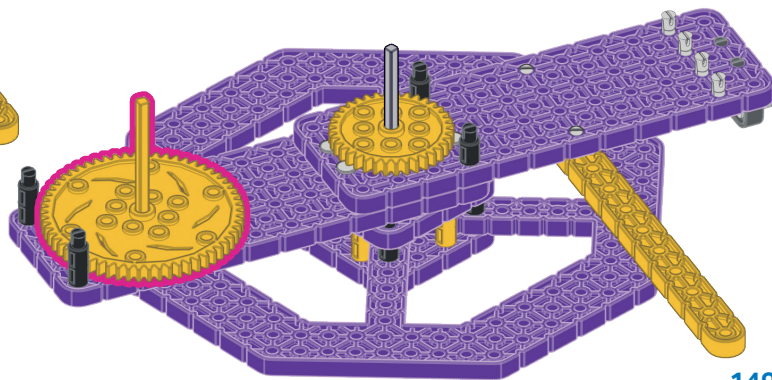
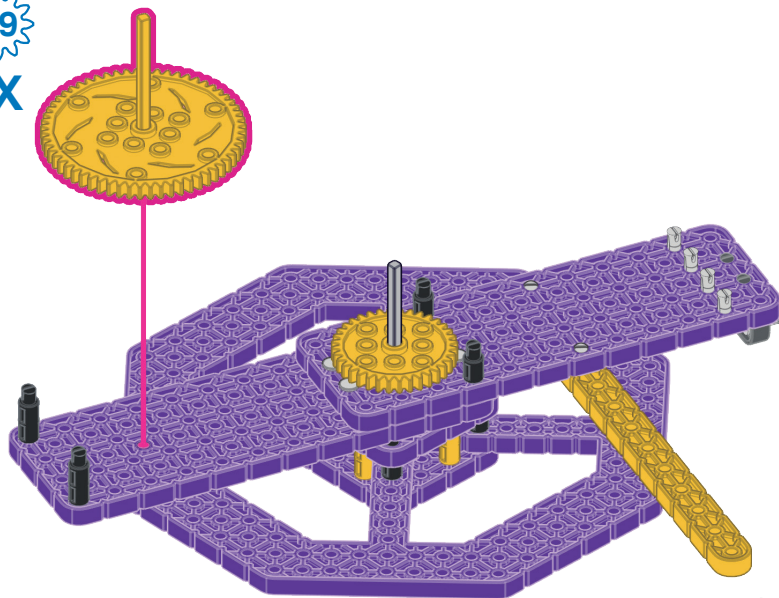
18

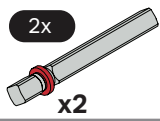
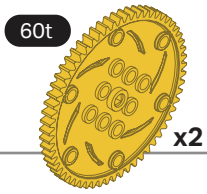
2X



19

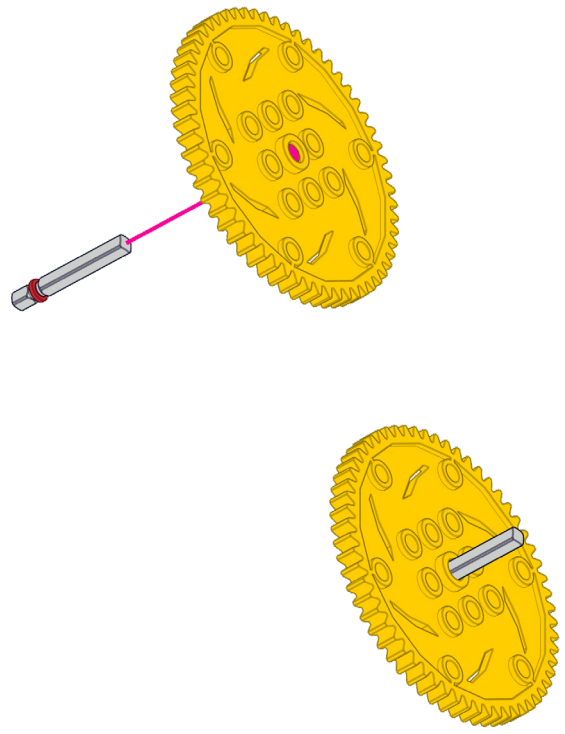
2X





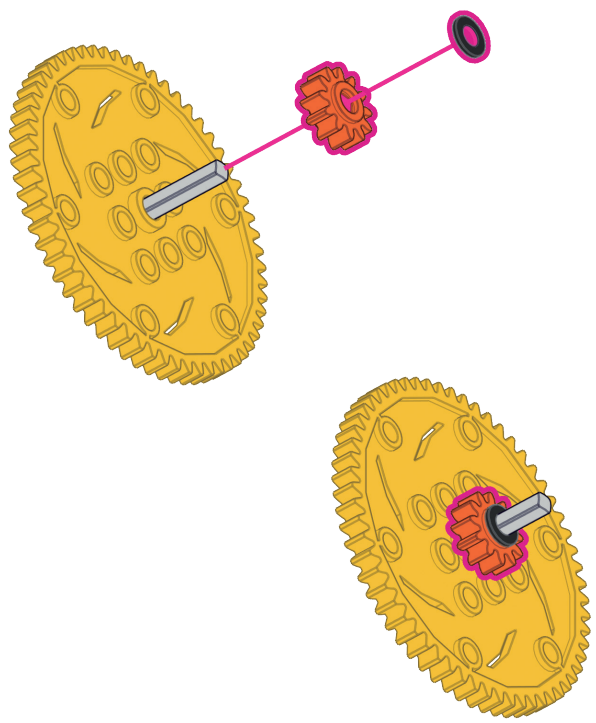
20

2X



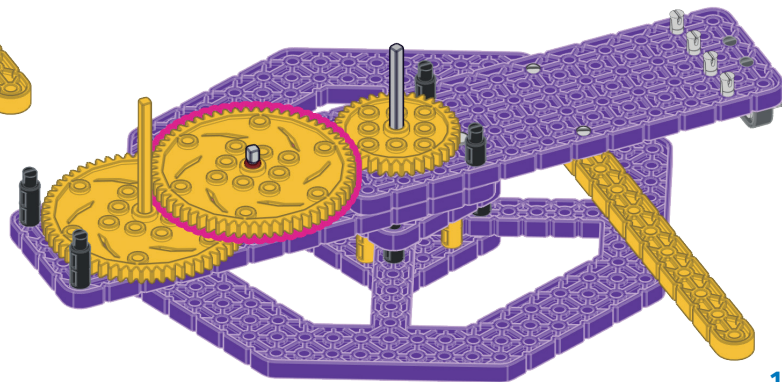
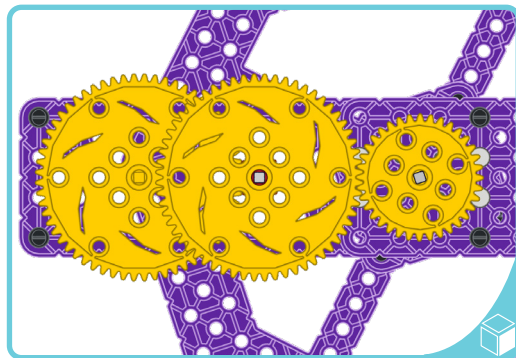
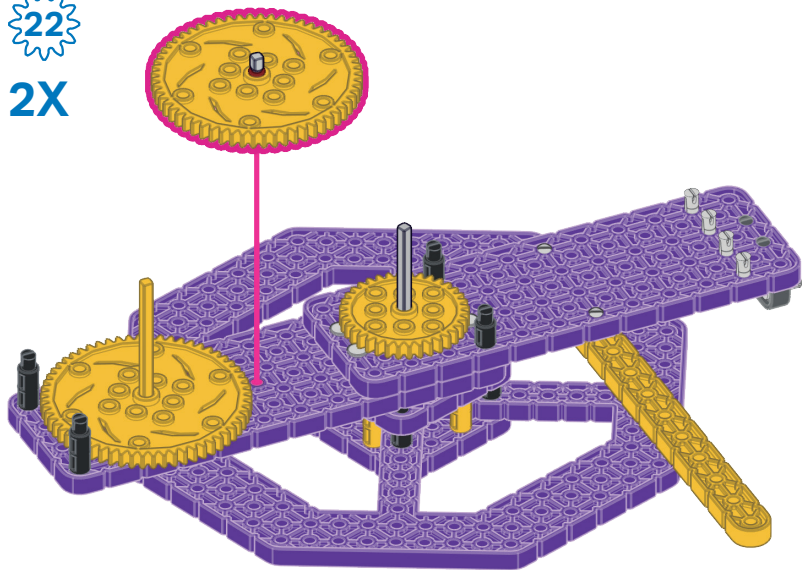
21

2X



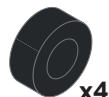
22

2X





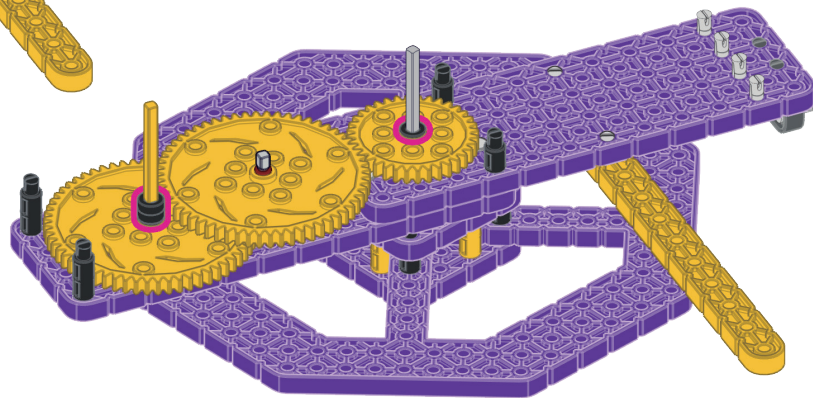
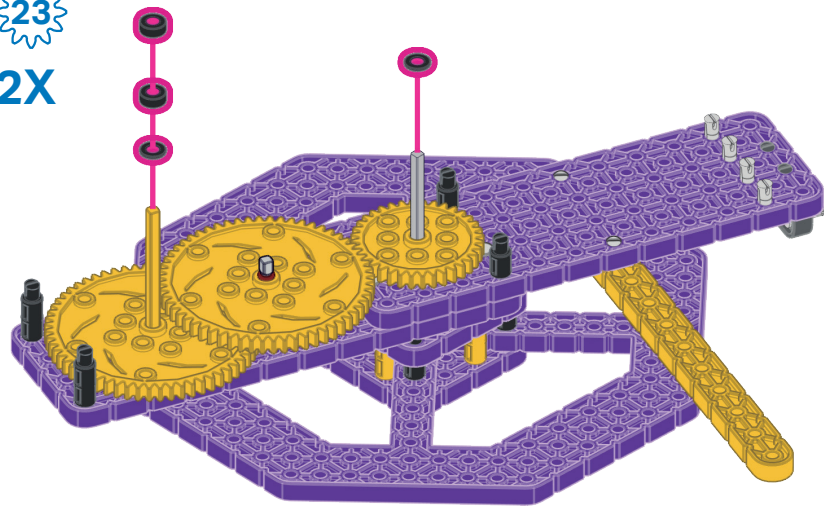
x4



x4

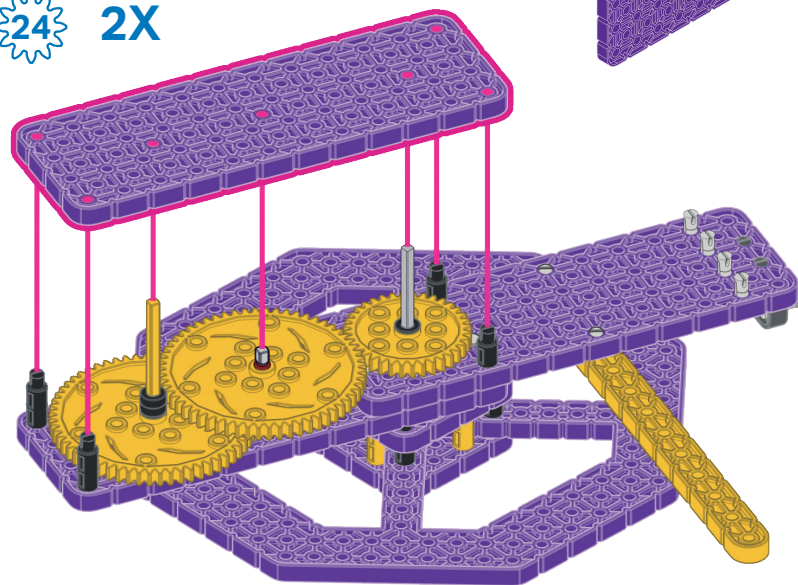
23

2X



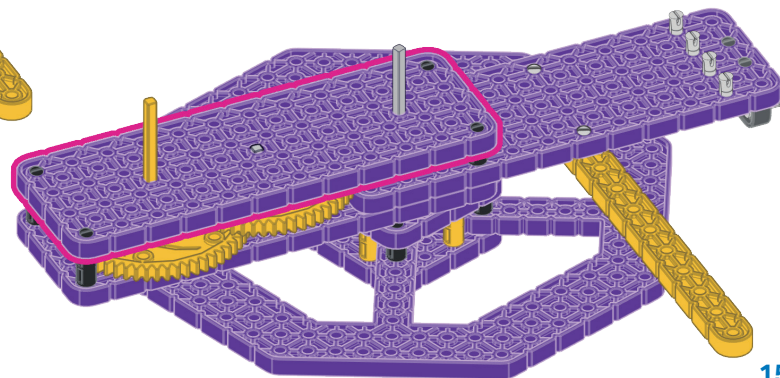
24

2X



4x12

x2

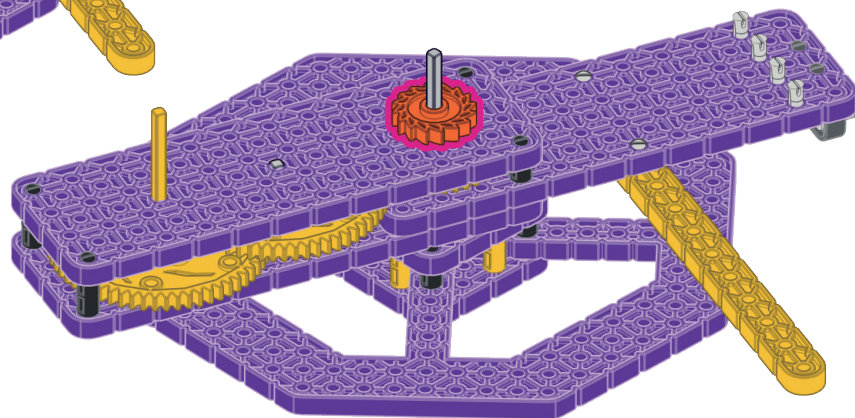
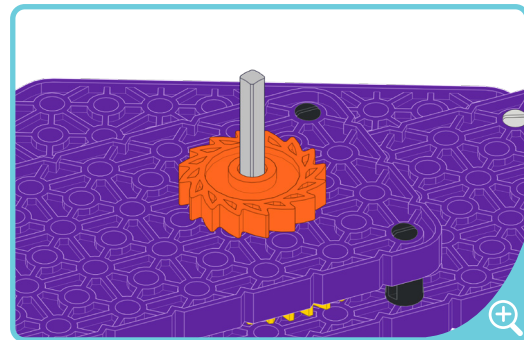
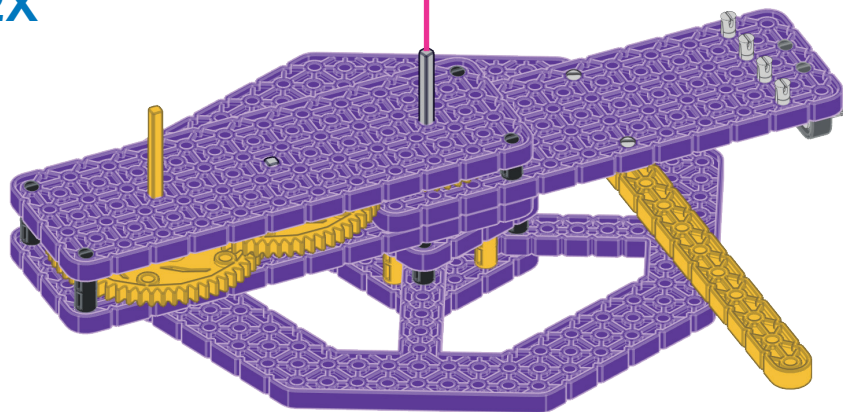


16t



25

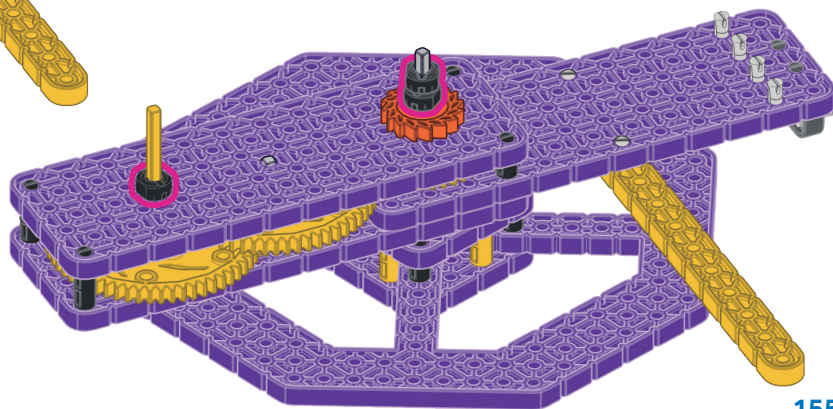
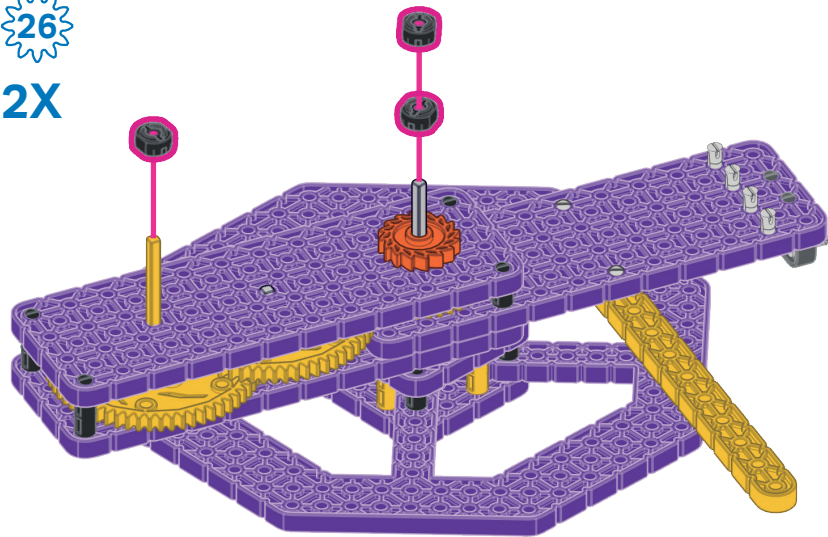
2X

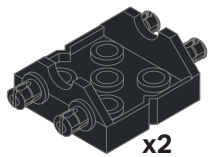




26

2X

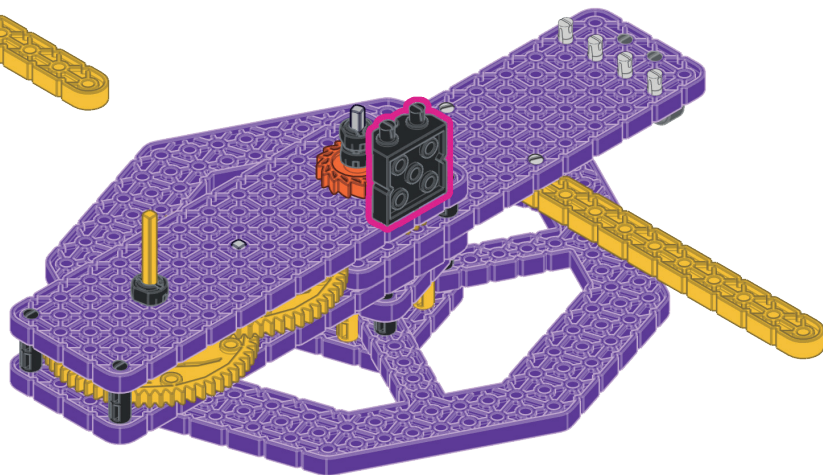
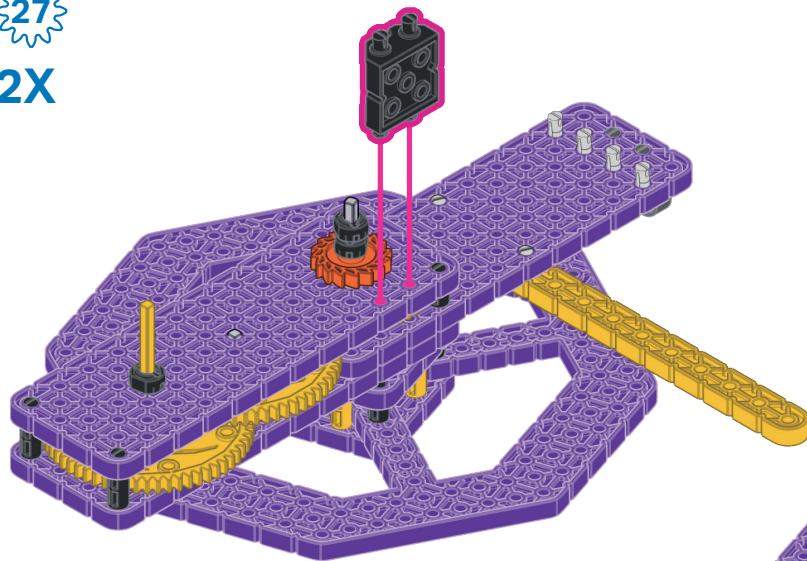


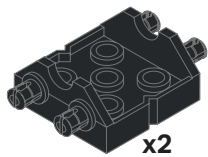


x2

27

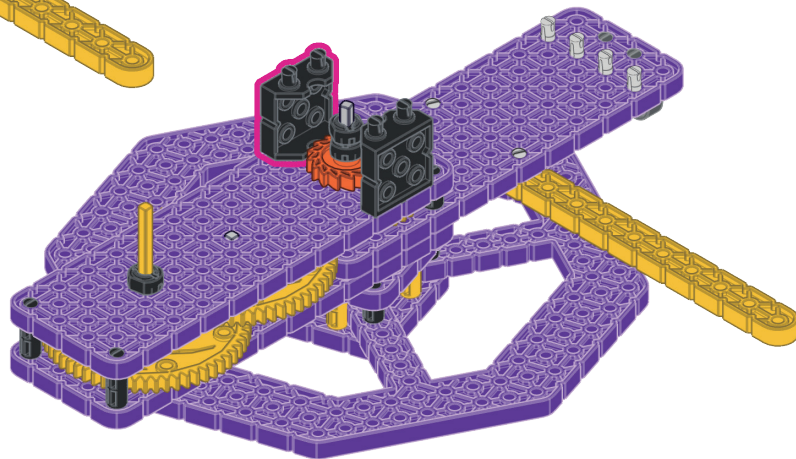
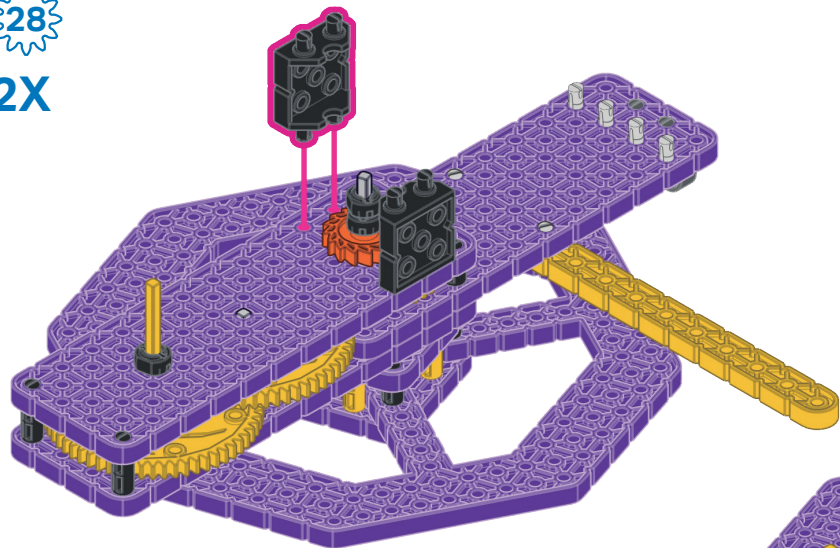
2X





28

2X



1x9

x2

0x2

x8

1:1

1x3

x2

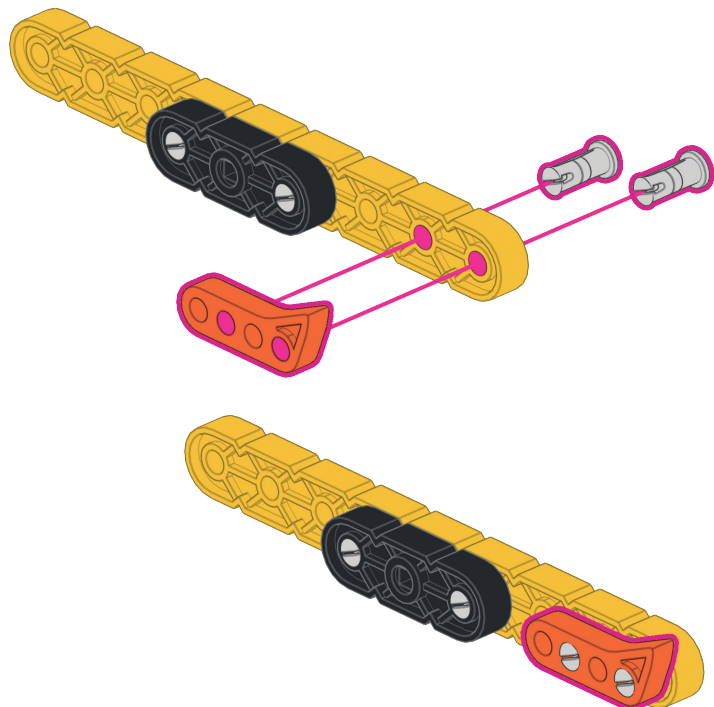
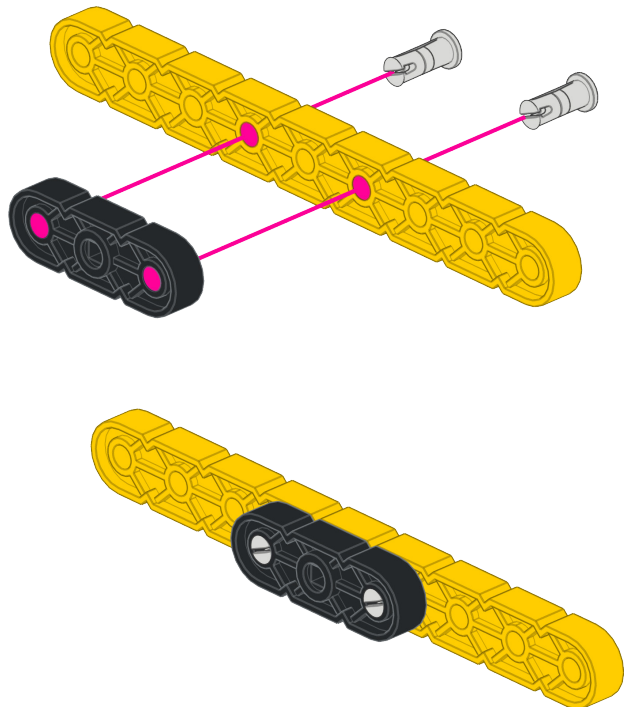
x2

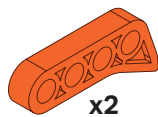
29

2X

30

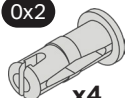
2X





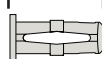
x2

0x2



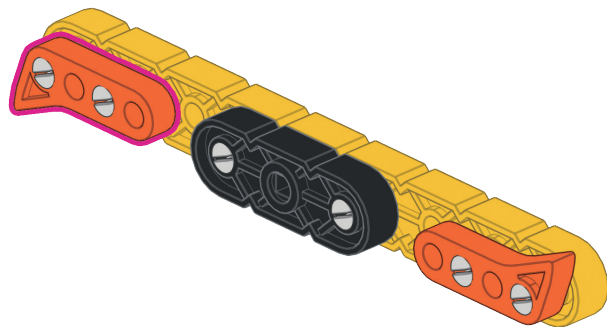
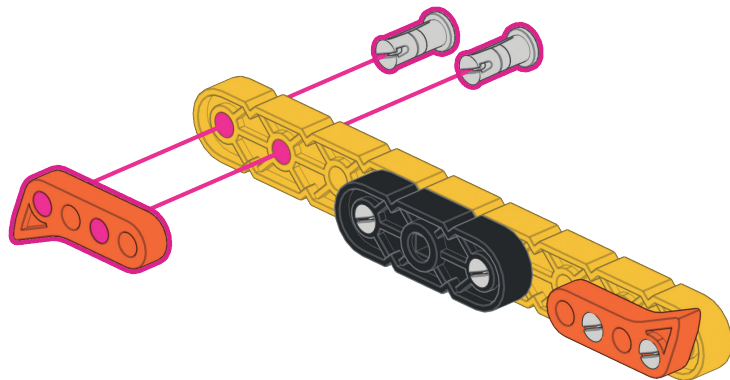
x4

1:1



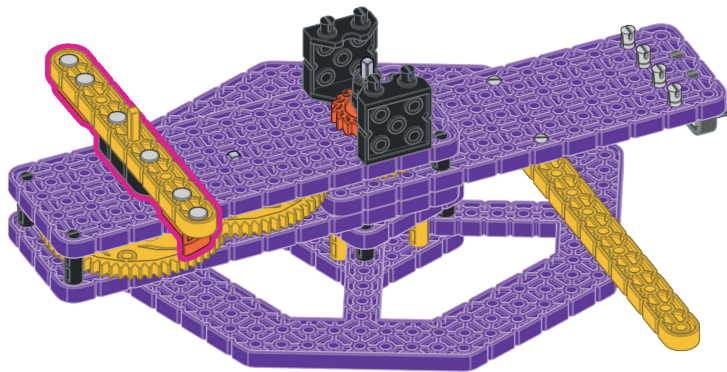
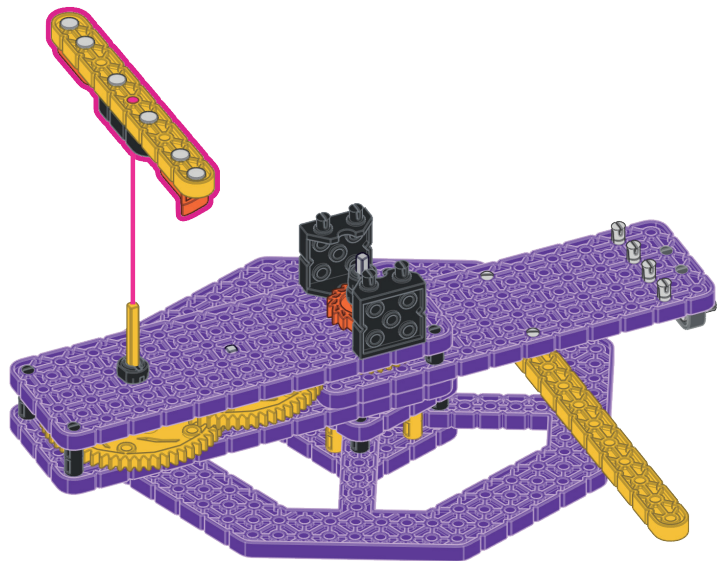
31

2X



32

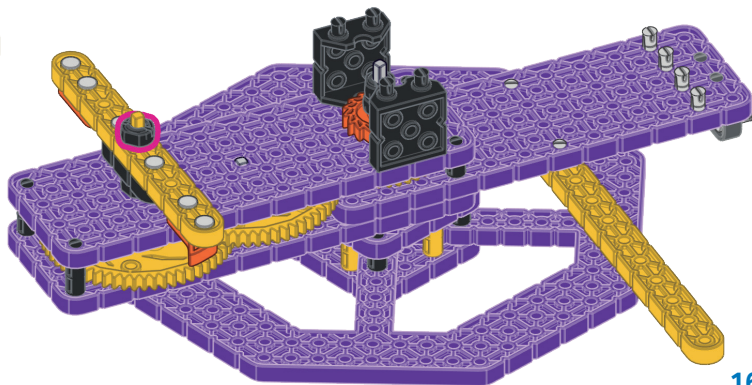
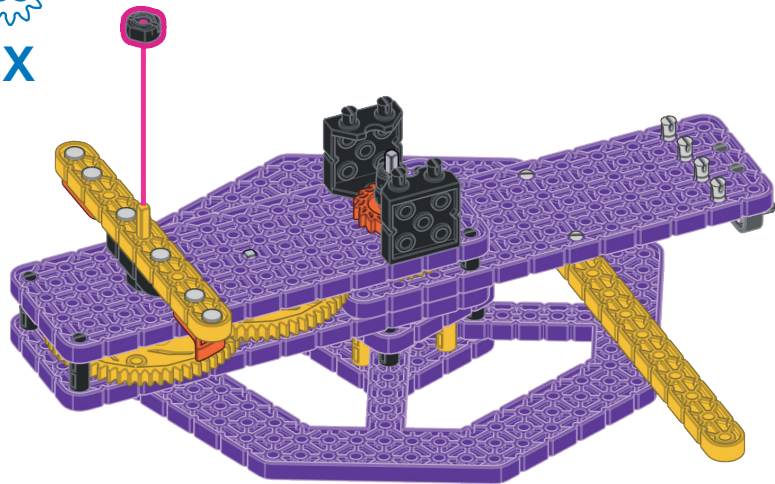
2X

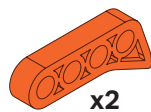




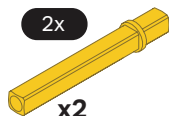
33

2X



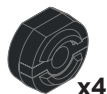


x2



2x

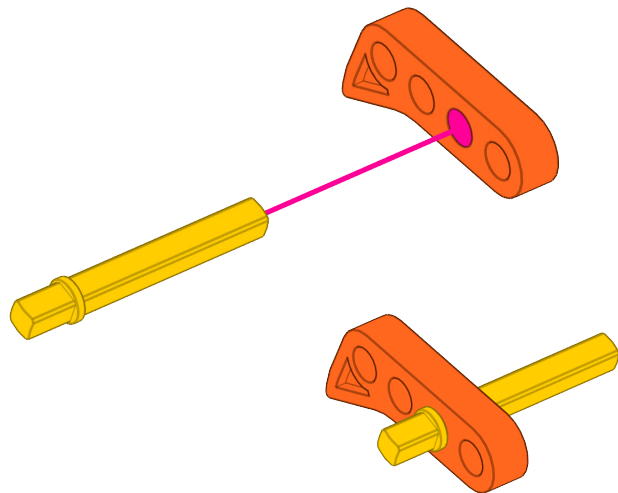
x2



x4

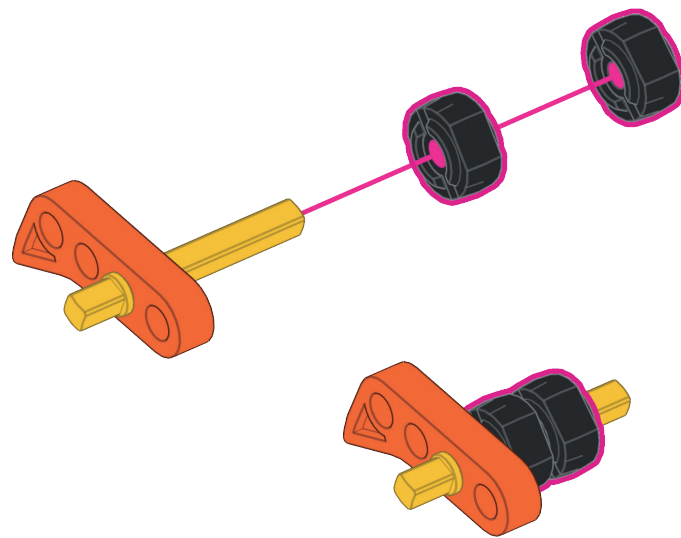
34

2X



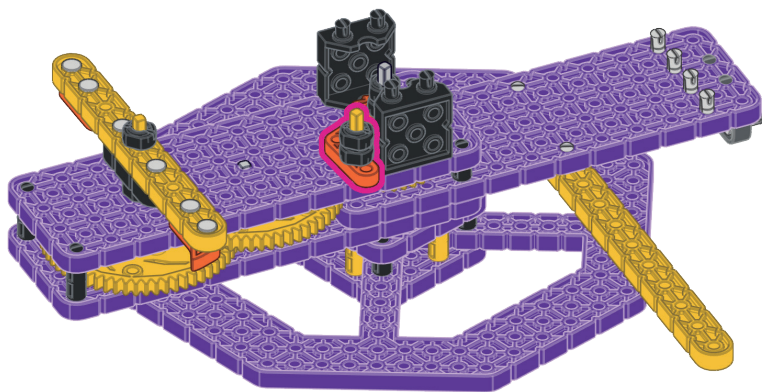
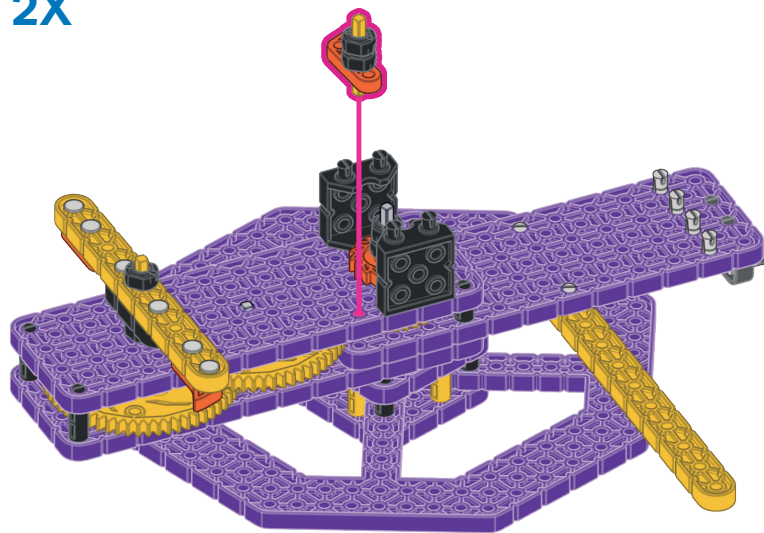
35

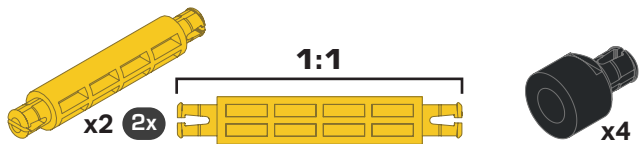
2X



36

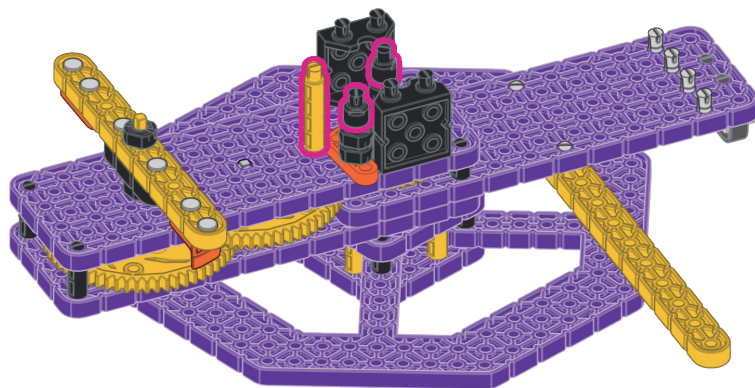
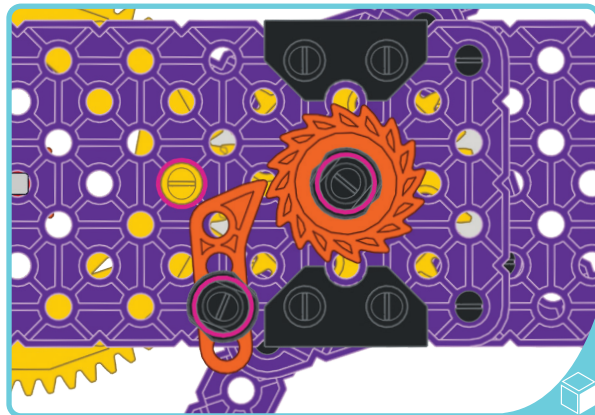
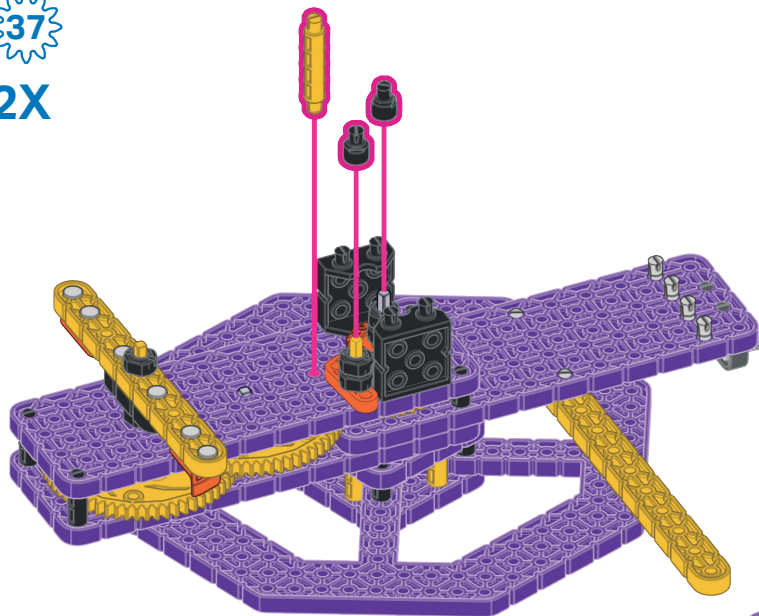
2X





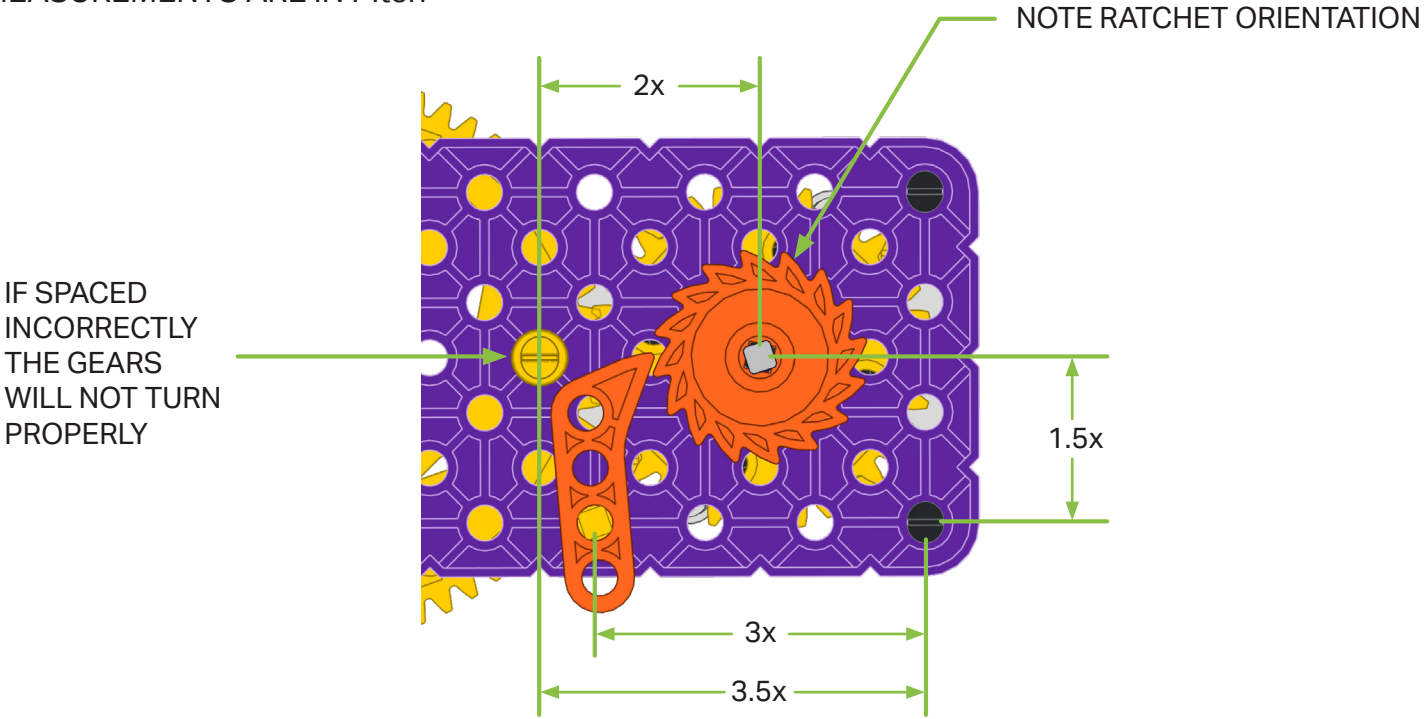
37

2X



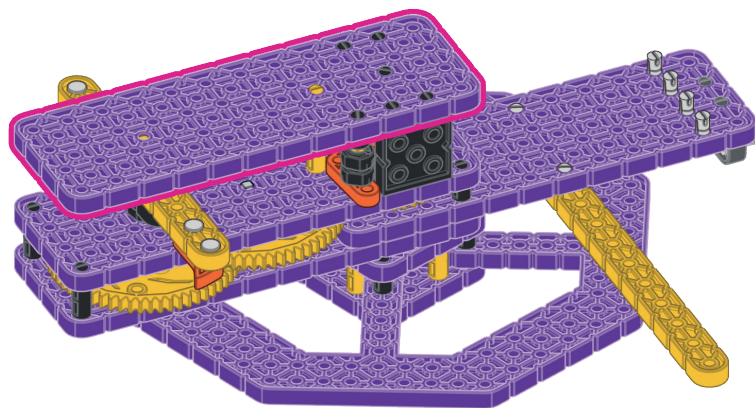
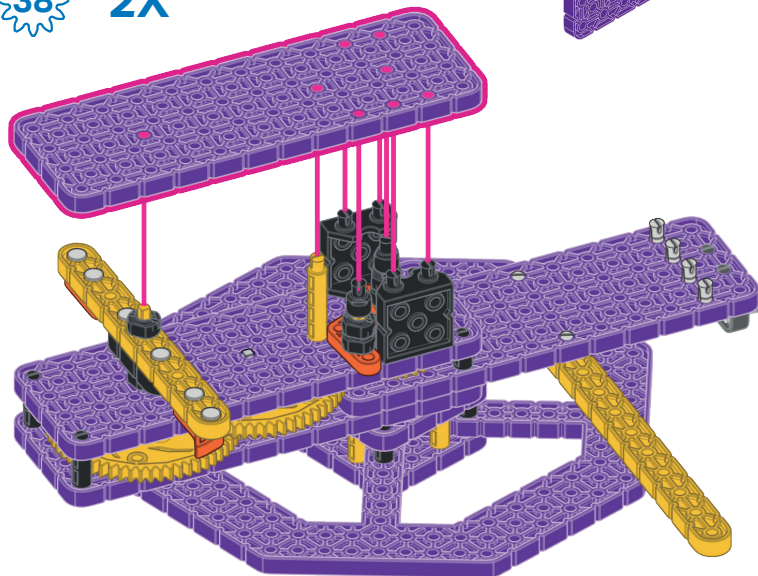
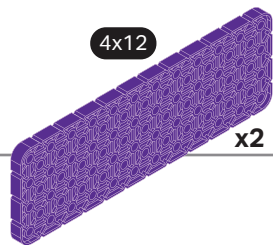
Correct Ratchet Setup :

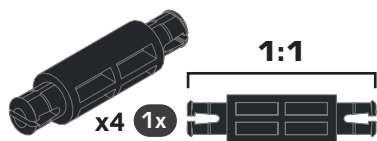
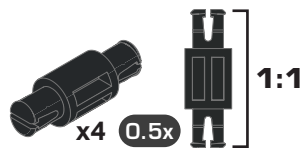
MEASUREMENTS ARE IN Pitch



38

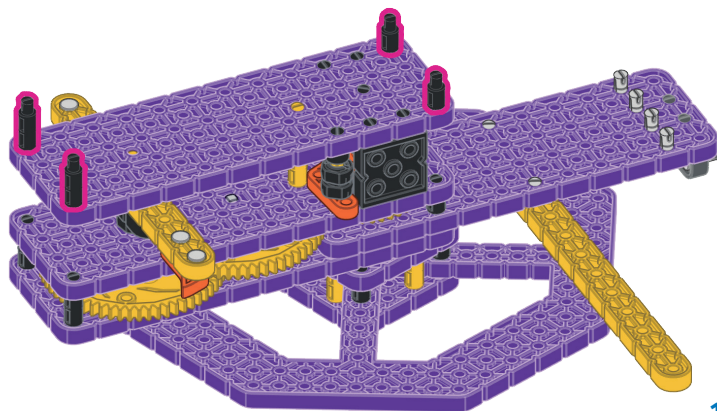
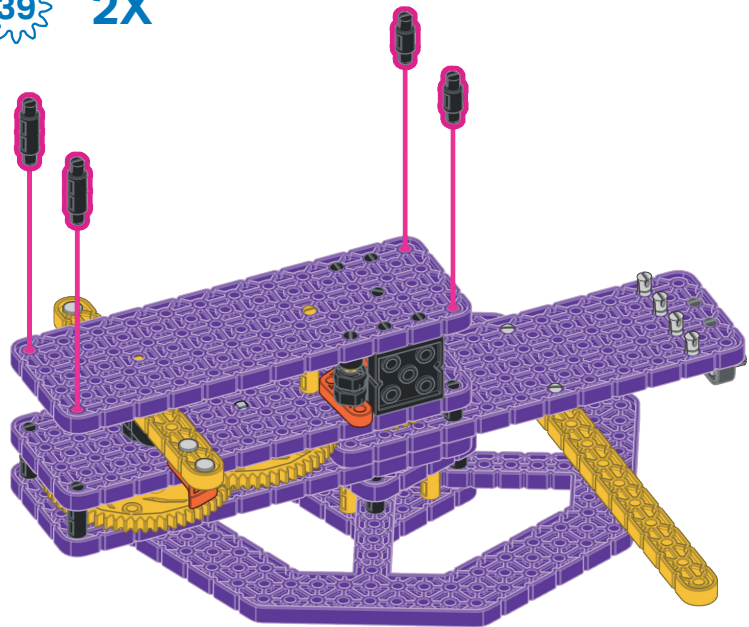
2X



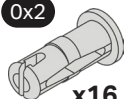


39

2X

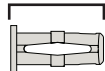


0x2

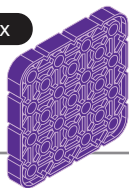


x16

1:1

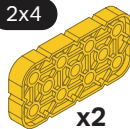


1x



x2

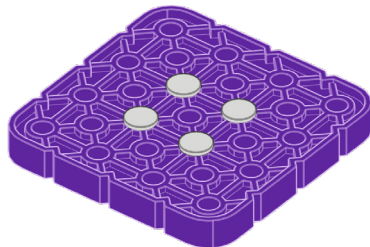
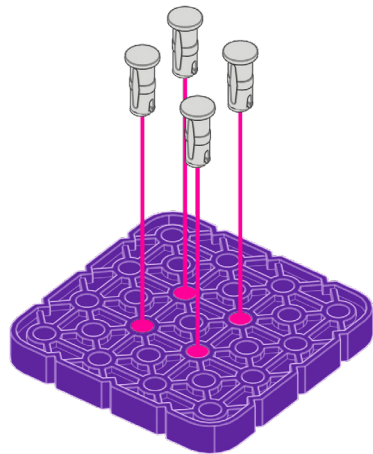
2x4



x2

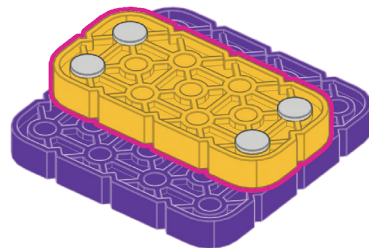
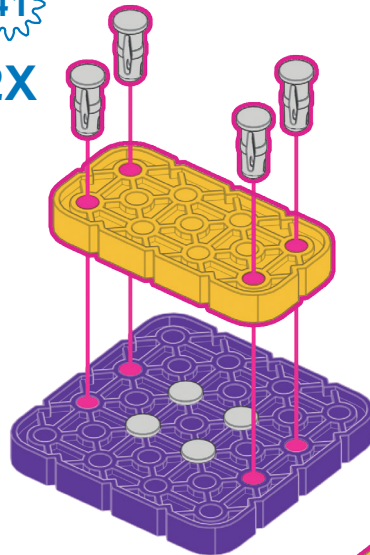
40

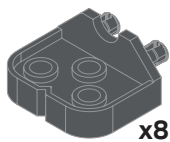
2X



41

2X

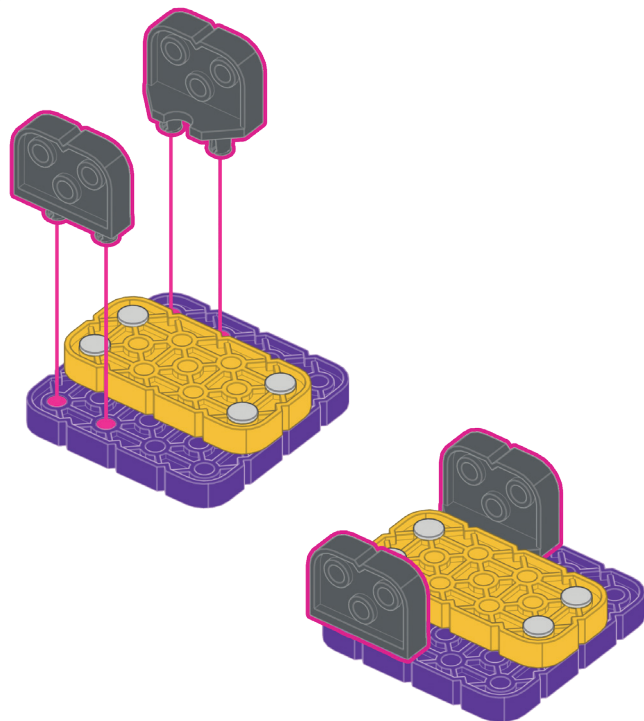




x8

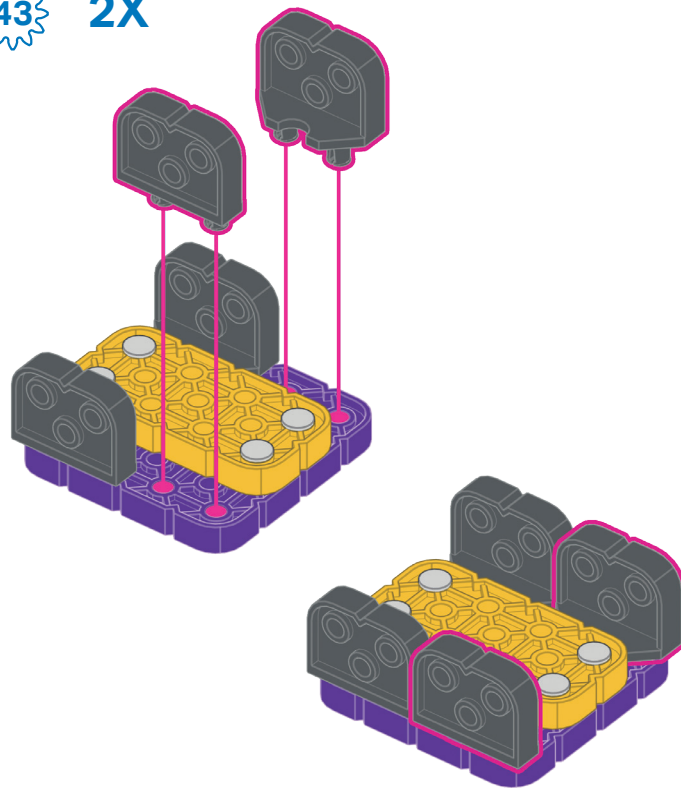
42

2X



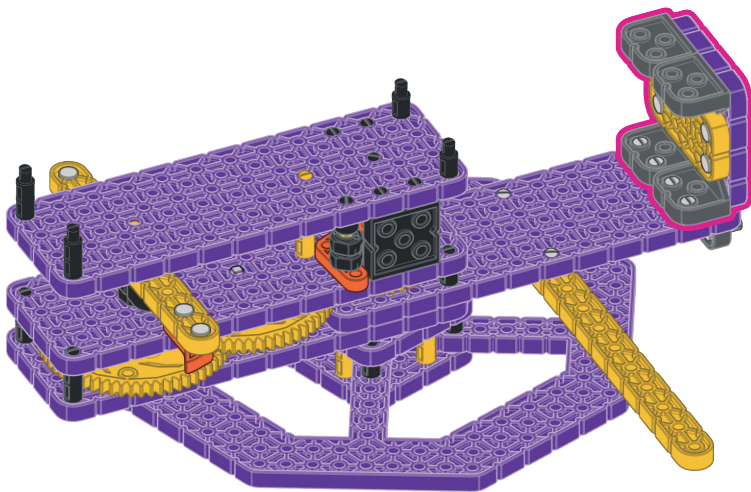
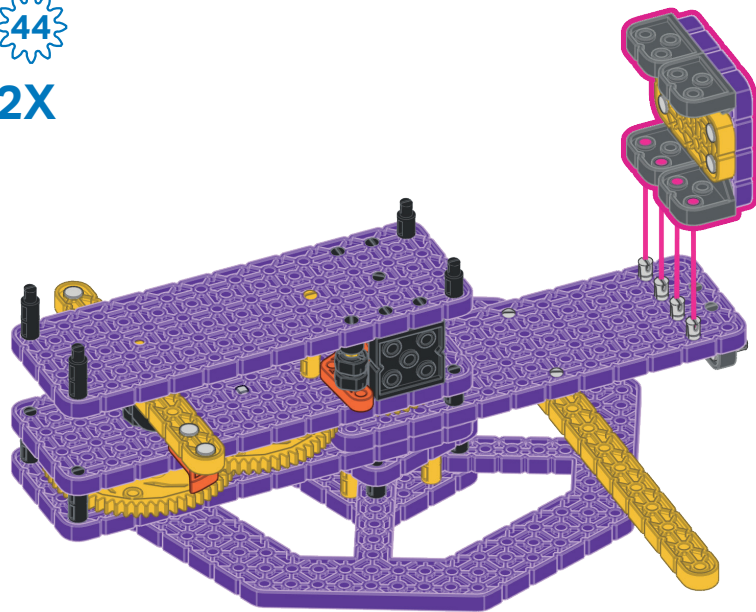
43

2X

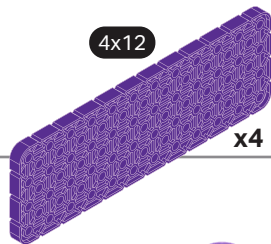


44

2X

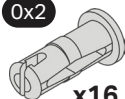


4x12



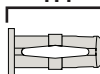
x4

0x2



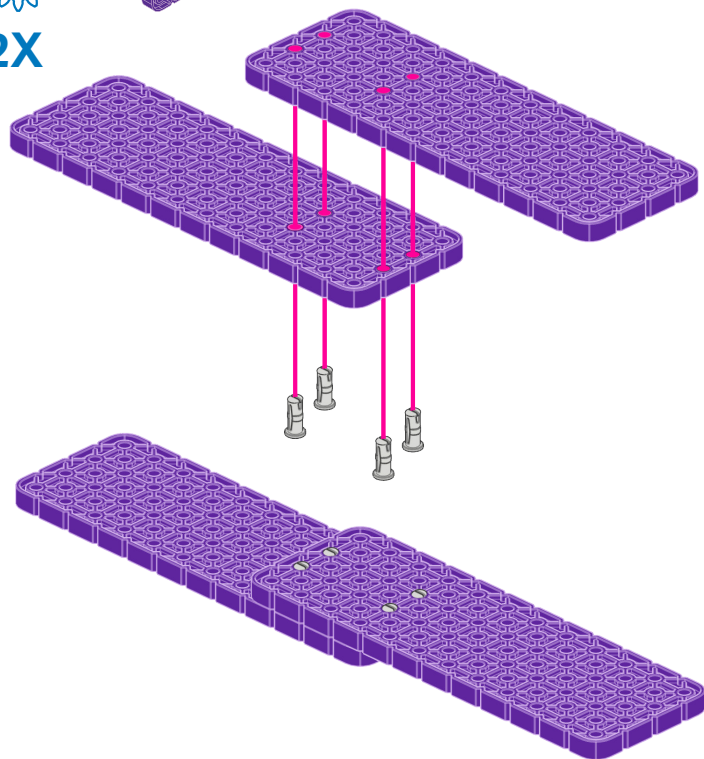
x16

1:1



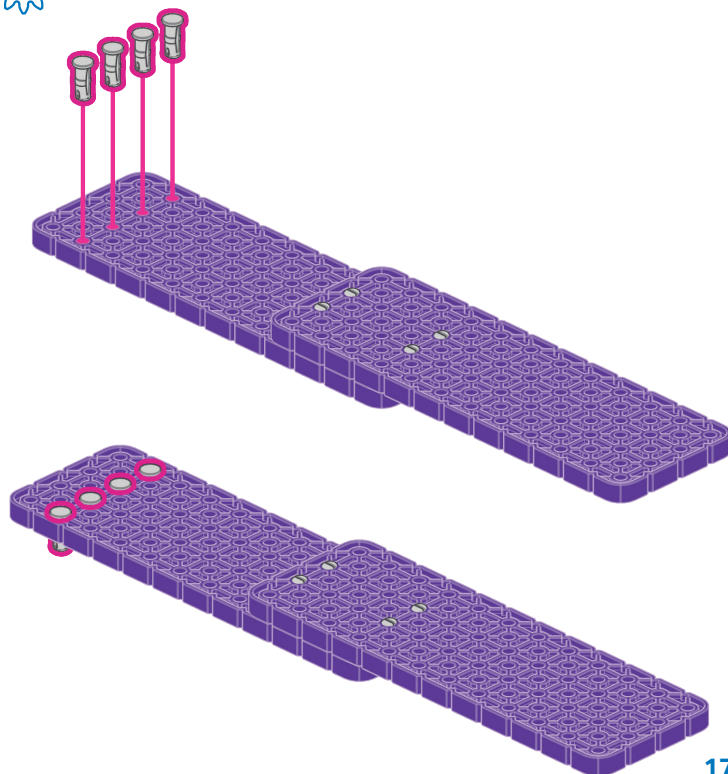
45

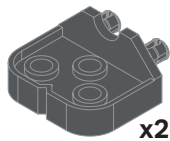
2X



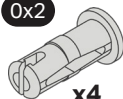
46

2X

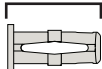




0x2



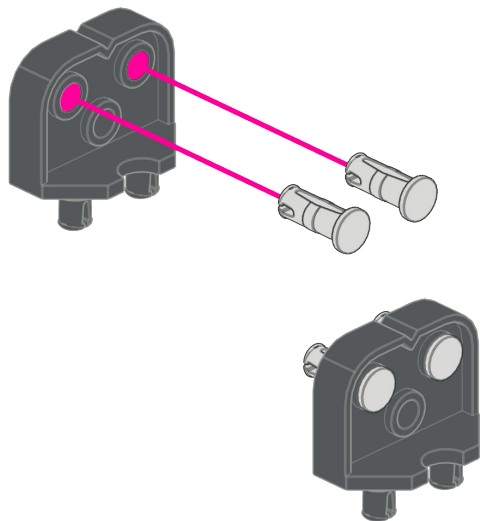
1:1



x4

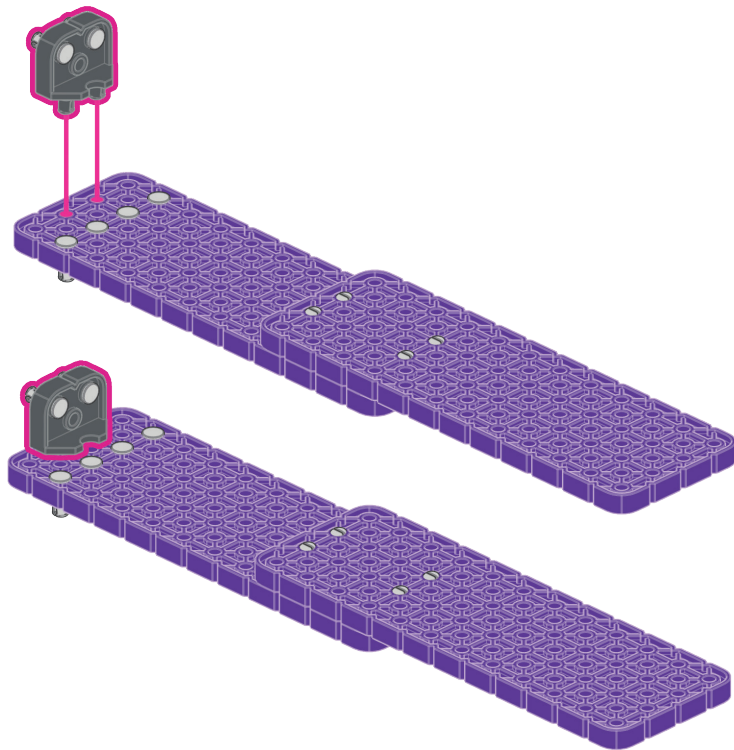
47

2X

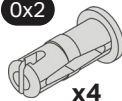


48

2X

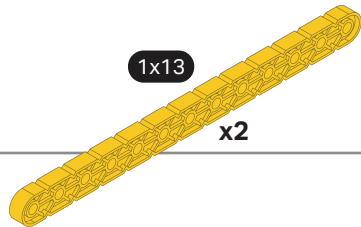


0x2



x4

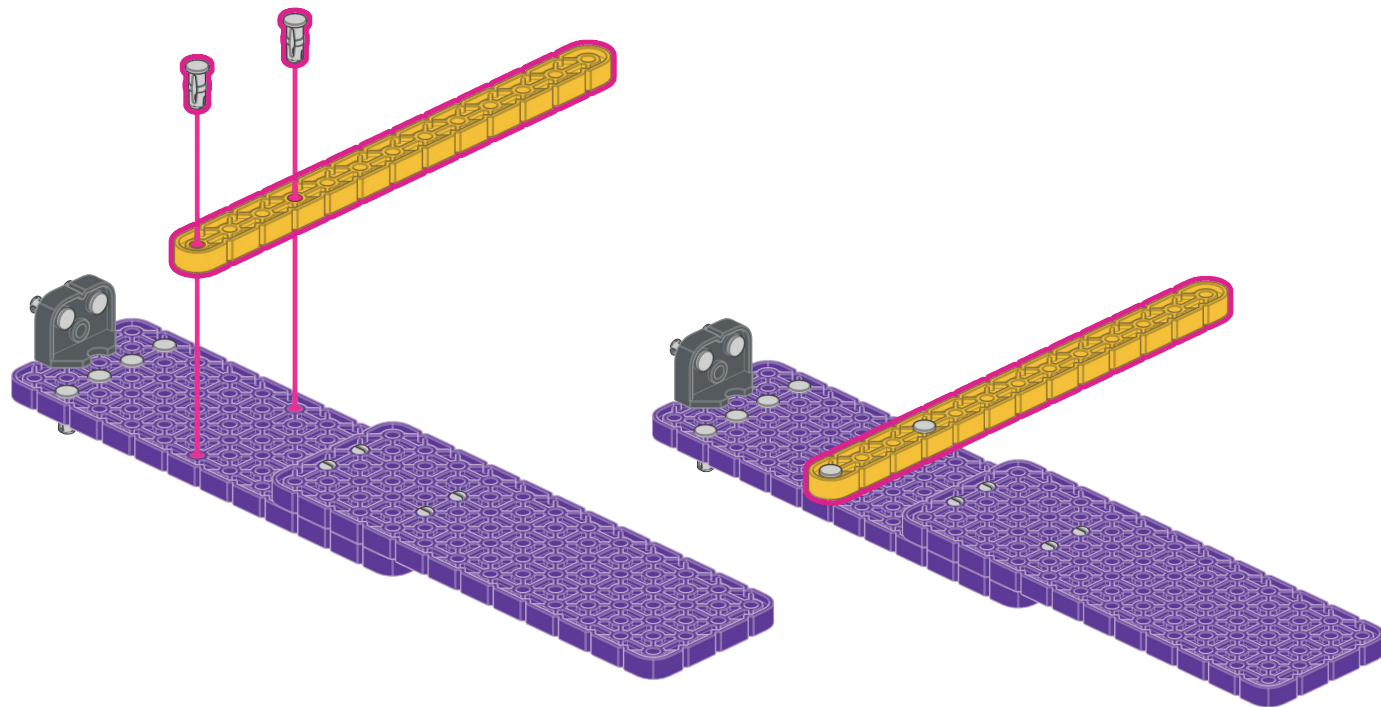
1x13



x2

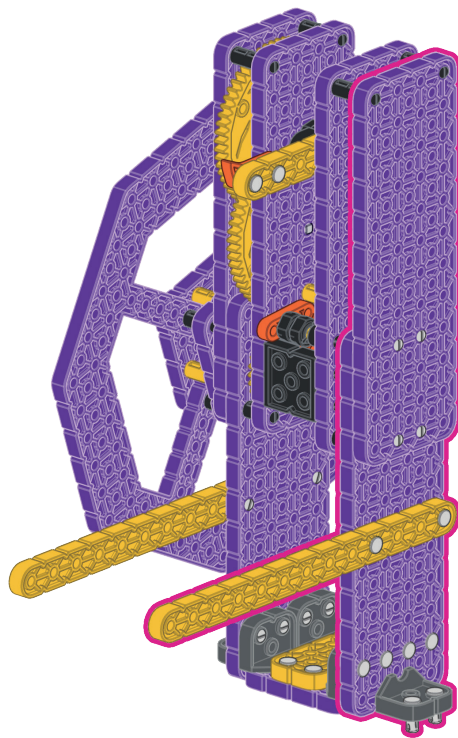
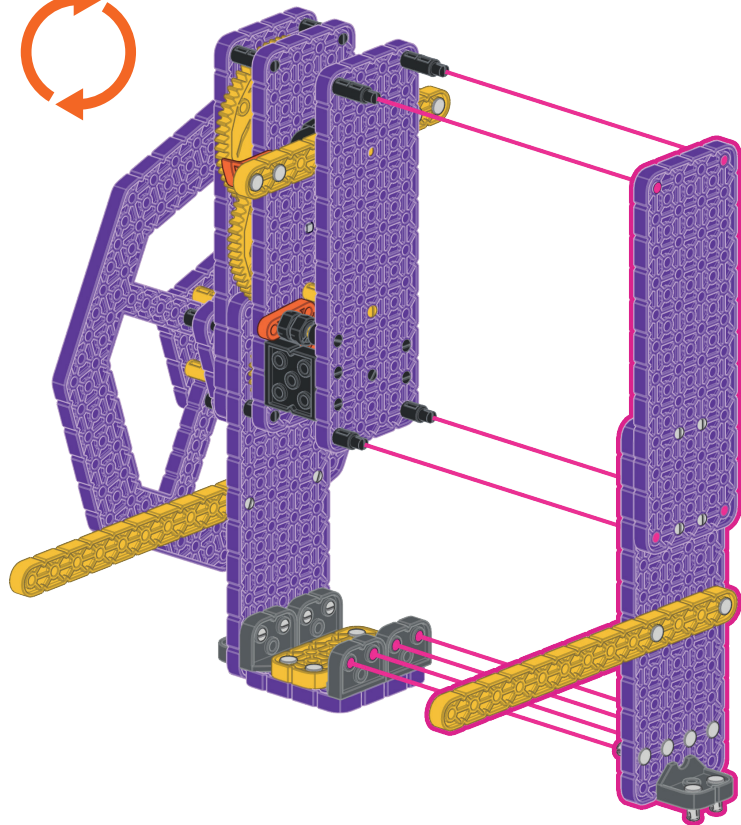
49

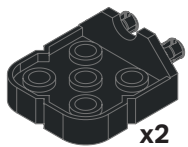
2X



50

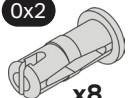
2X





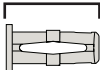
x2

0x2



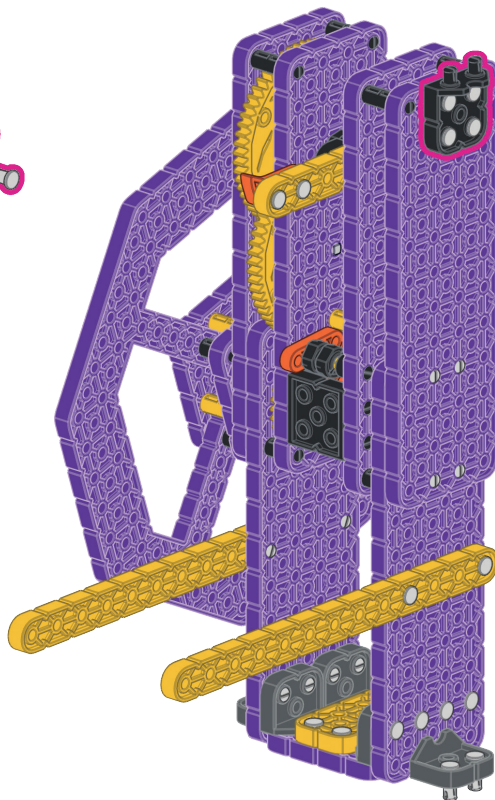
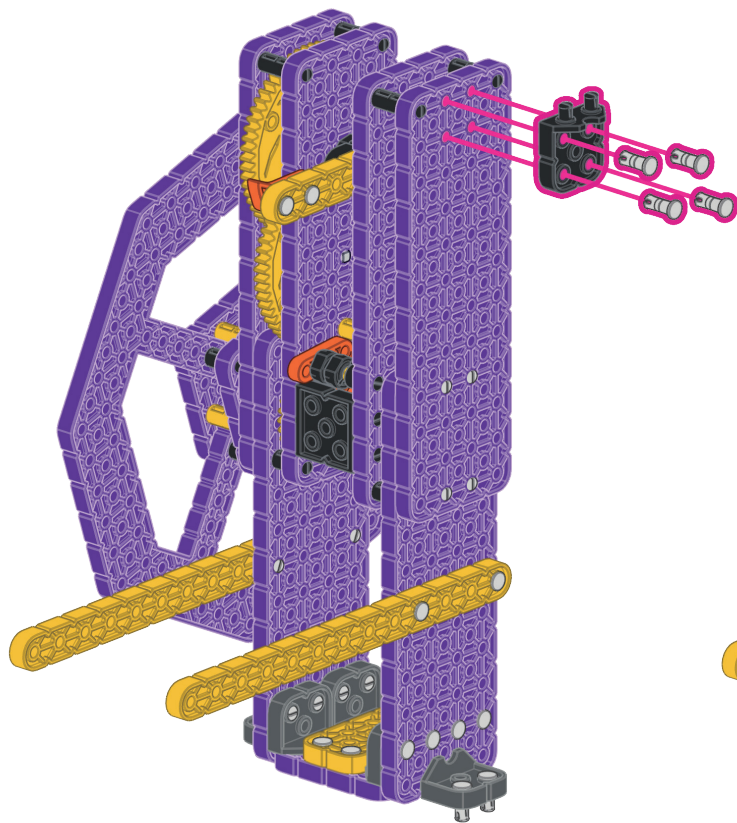
x8

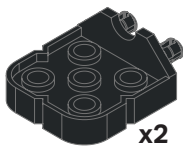
1:1



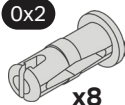
51

2X

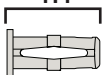




0x2

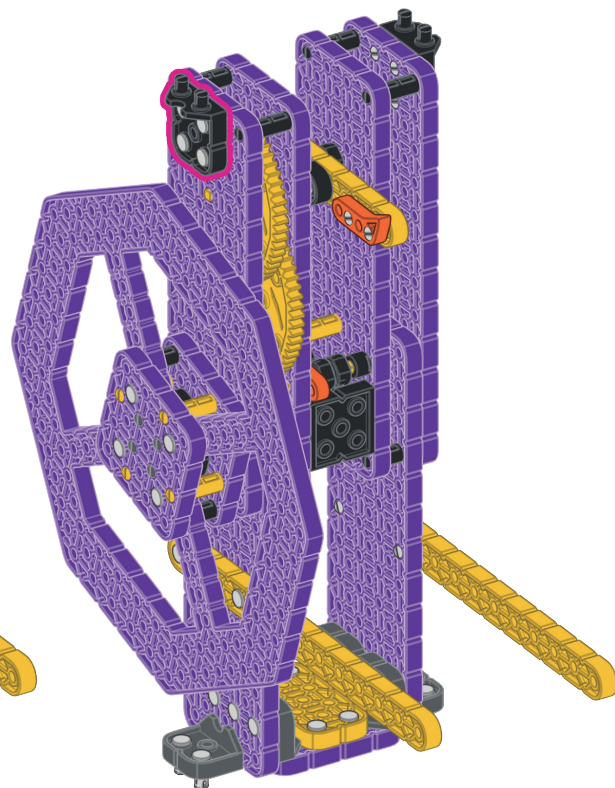
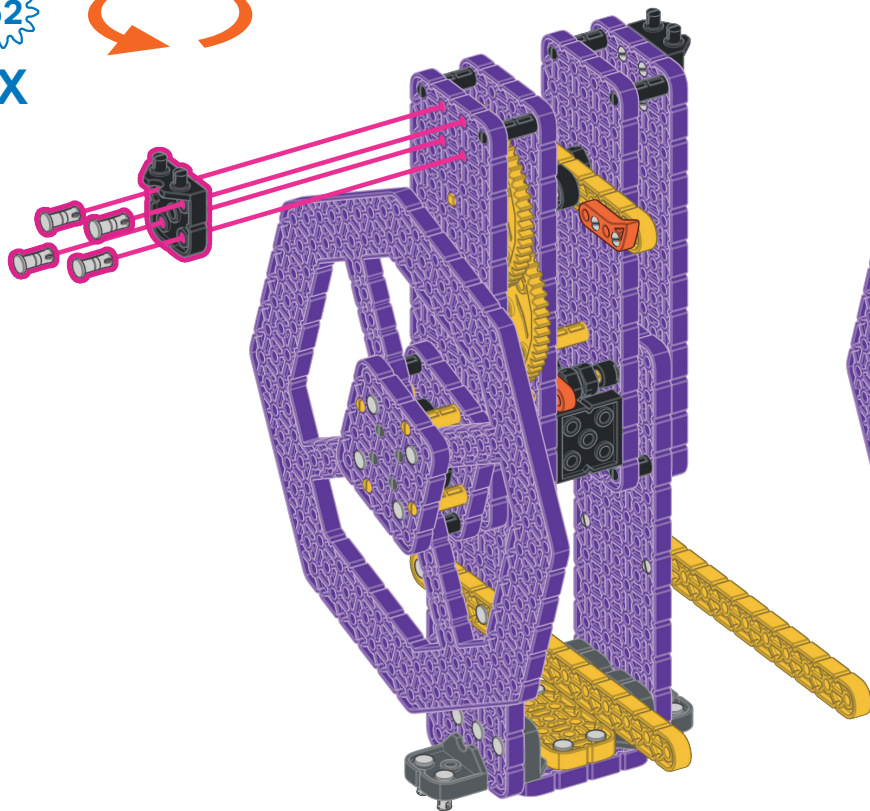


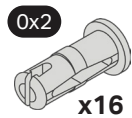
1:1



52

2X





2x10

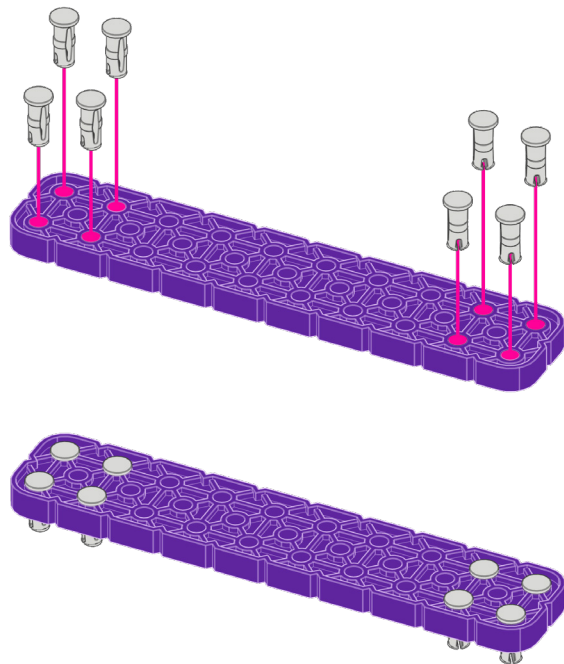
x2

4x10

x4

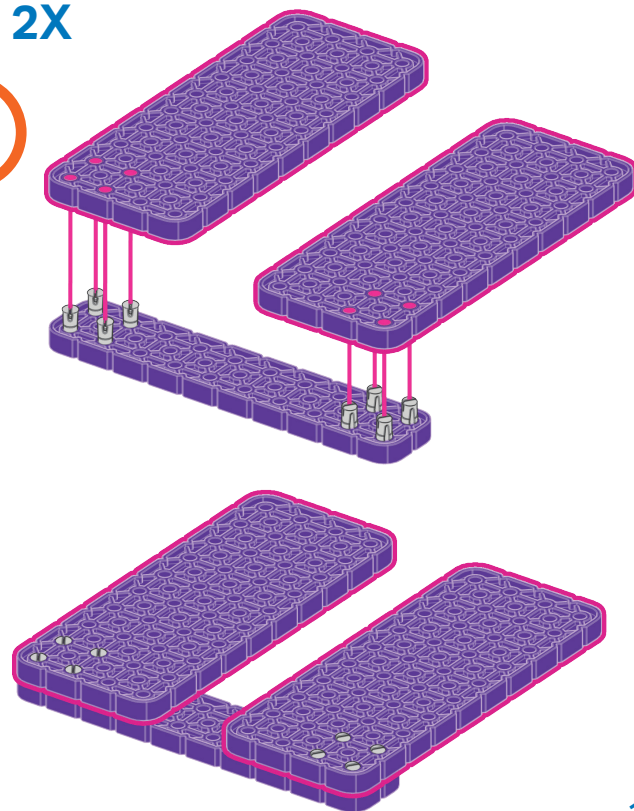
53

2X



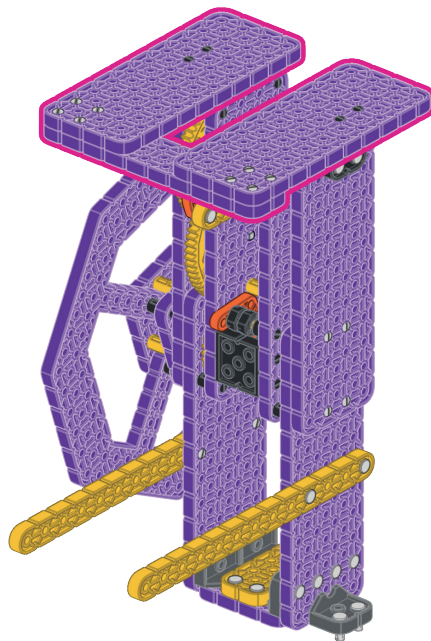
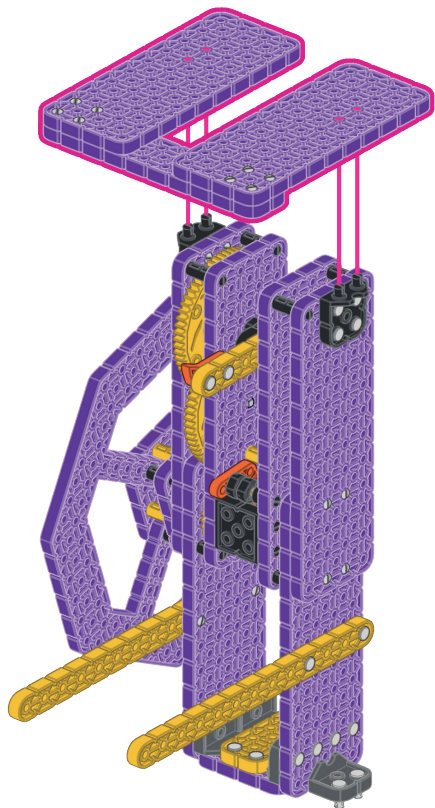
54

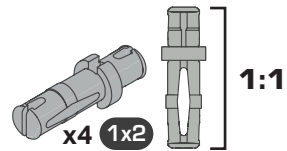
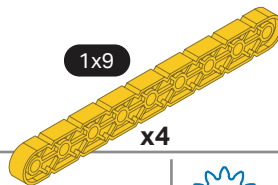
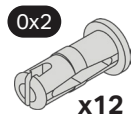
2X



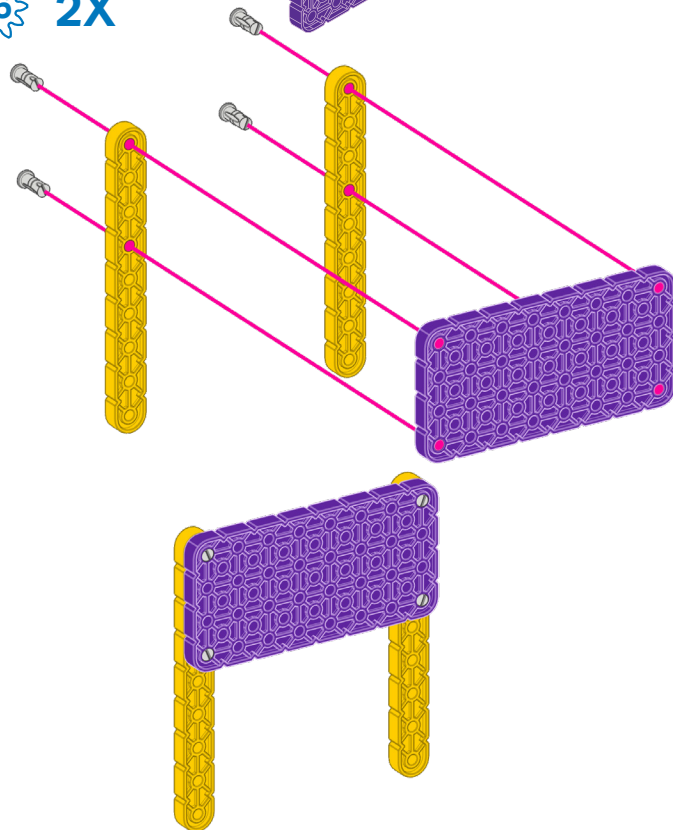
55

2X

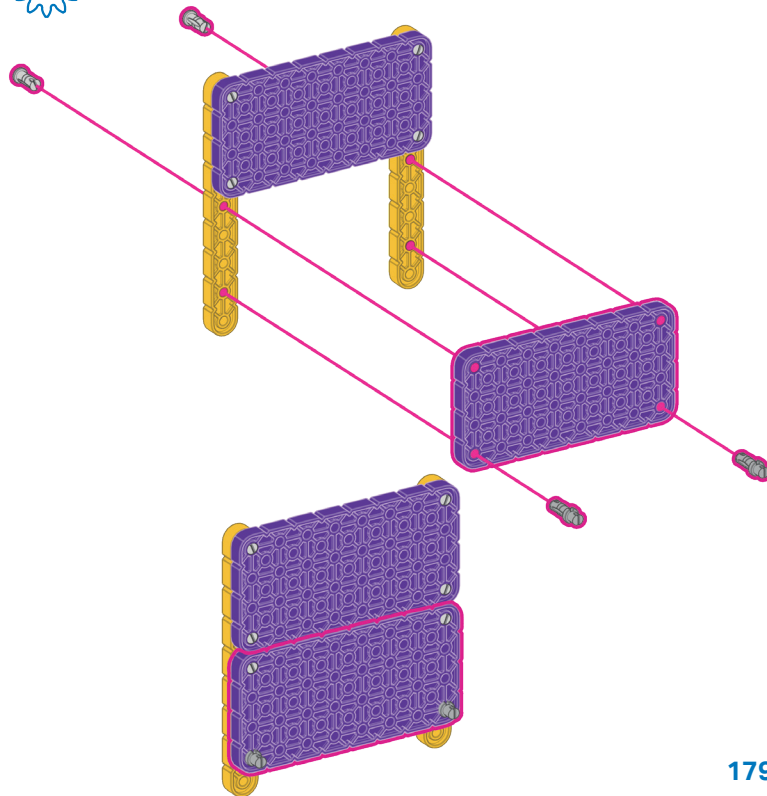


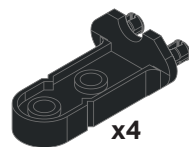
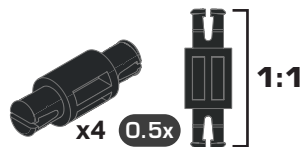


56 2X

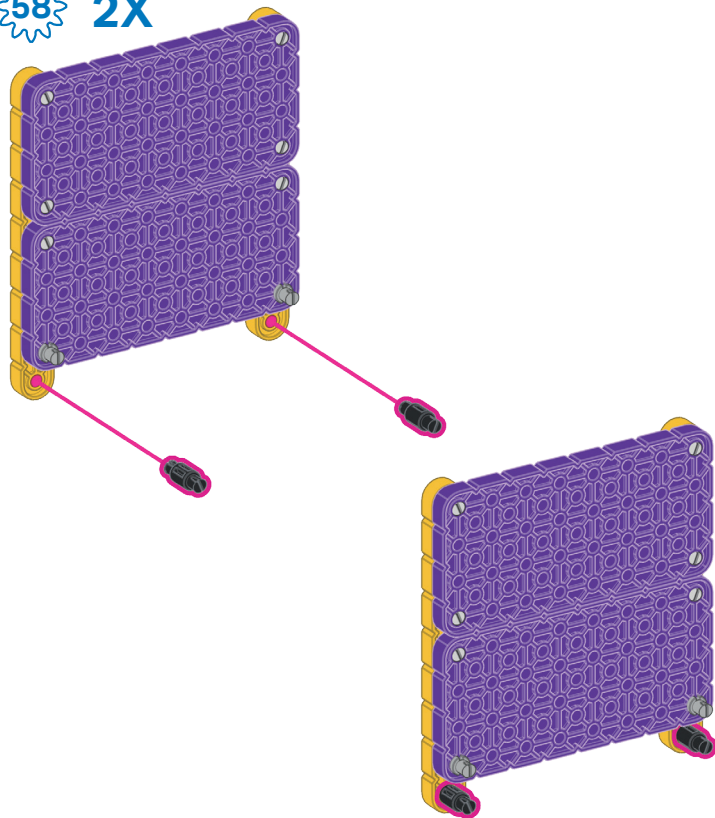


57 2X

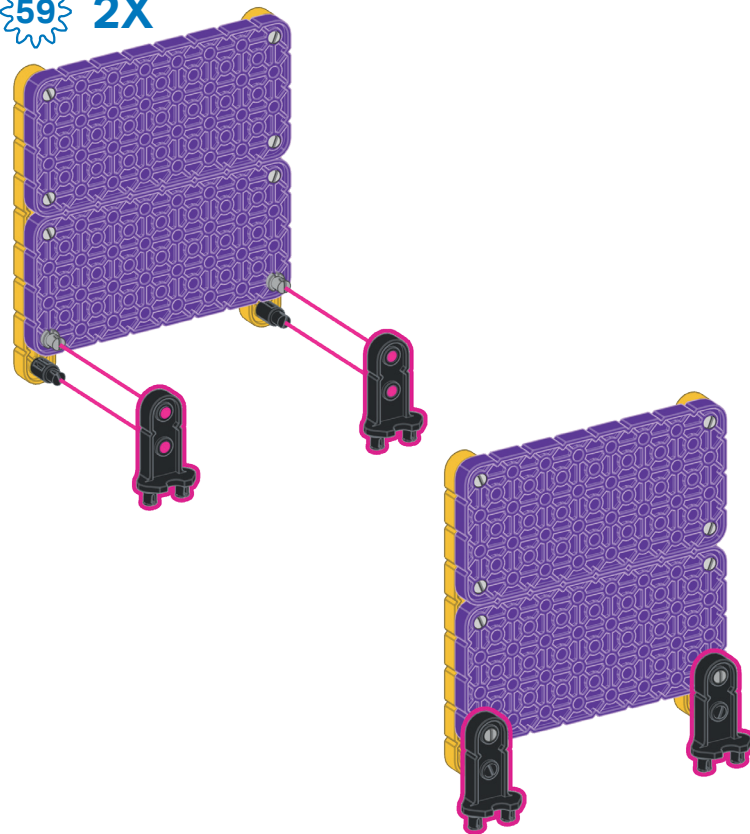




58 2X

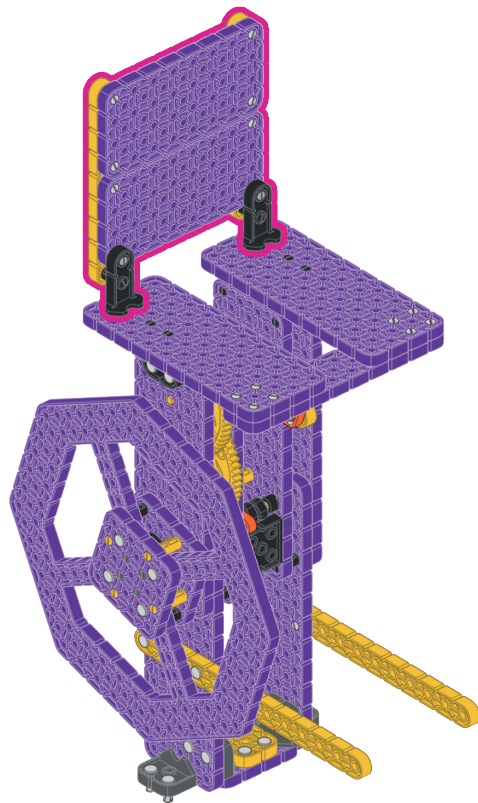
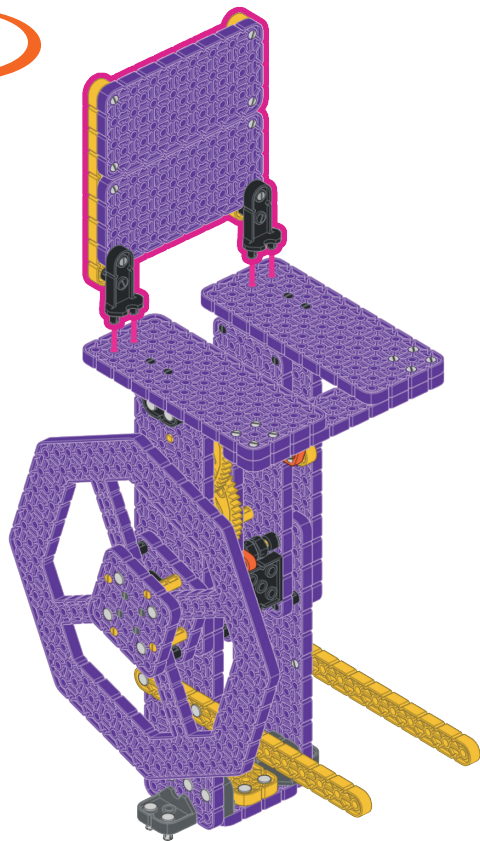


59 2X



60

2X

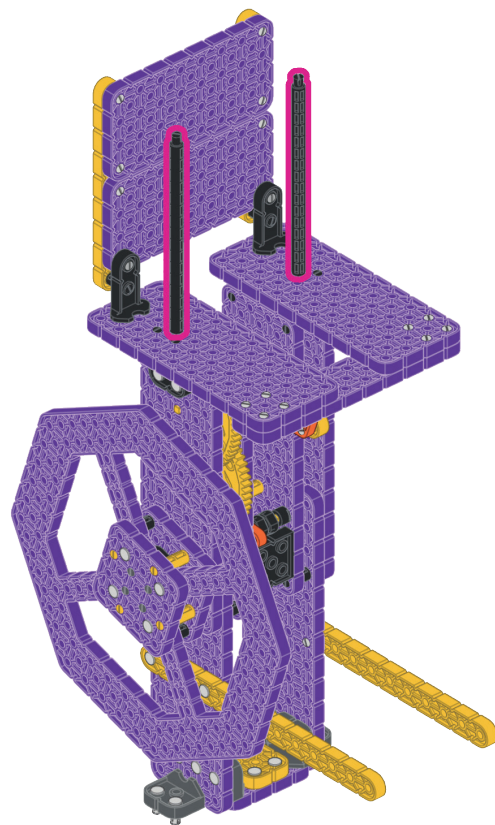
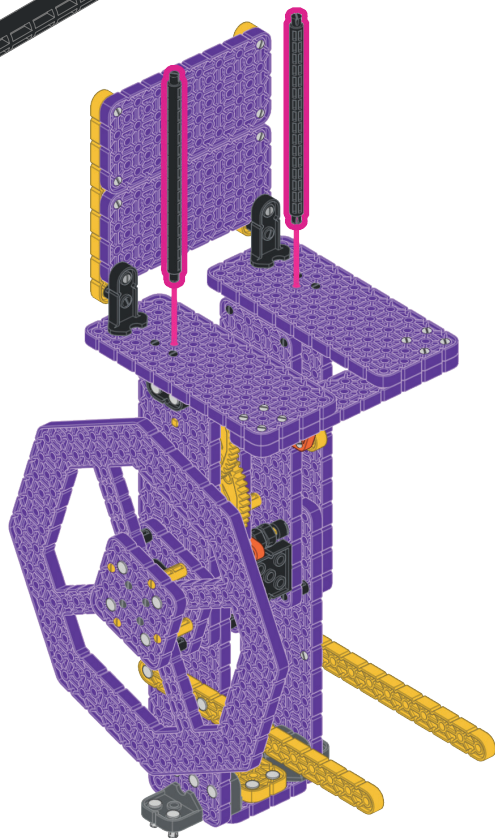


8x

x4

61

2X

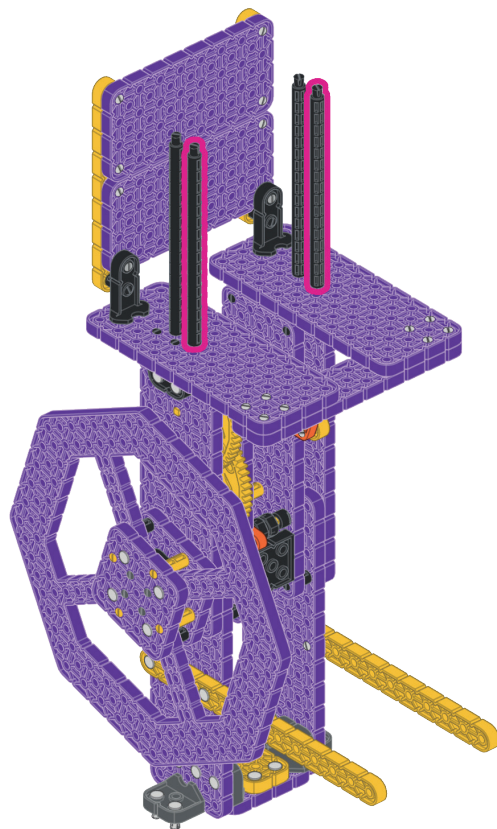
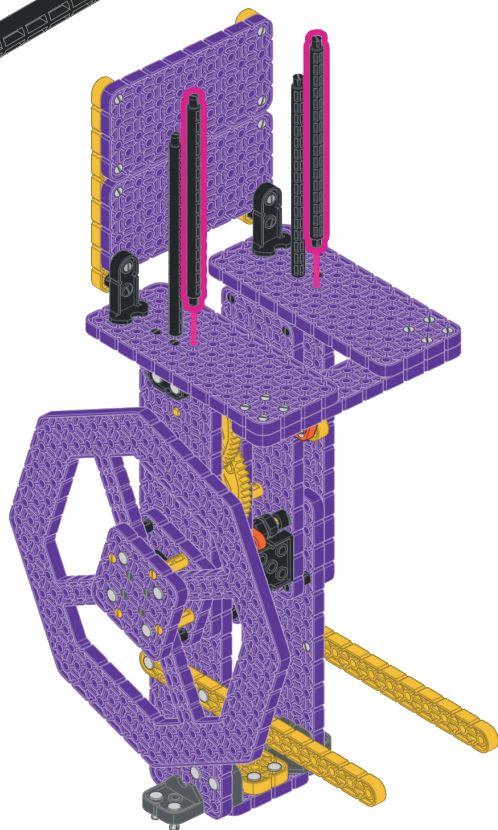


8x

x4

62

2X

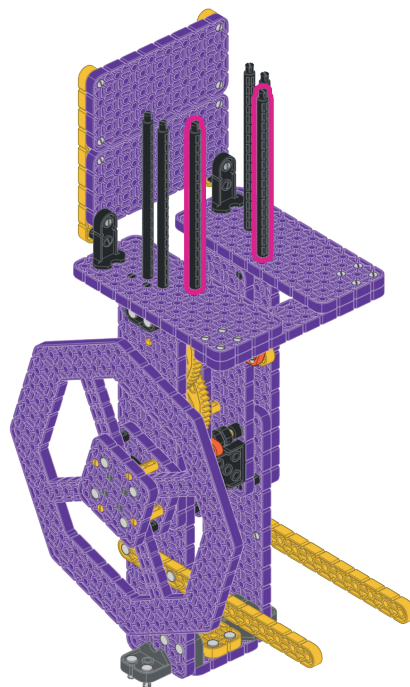
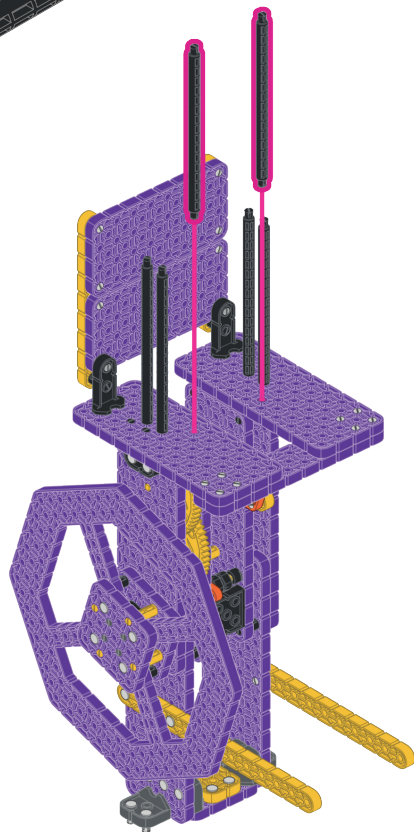


8x

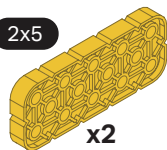
x4

63

2X

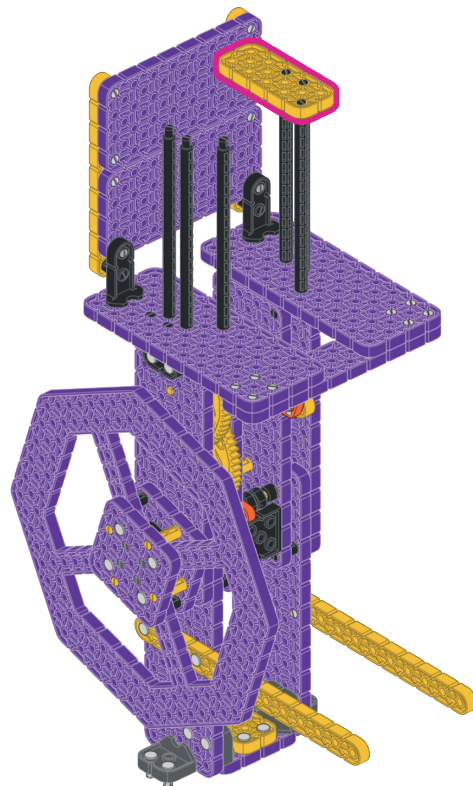
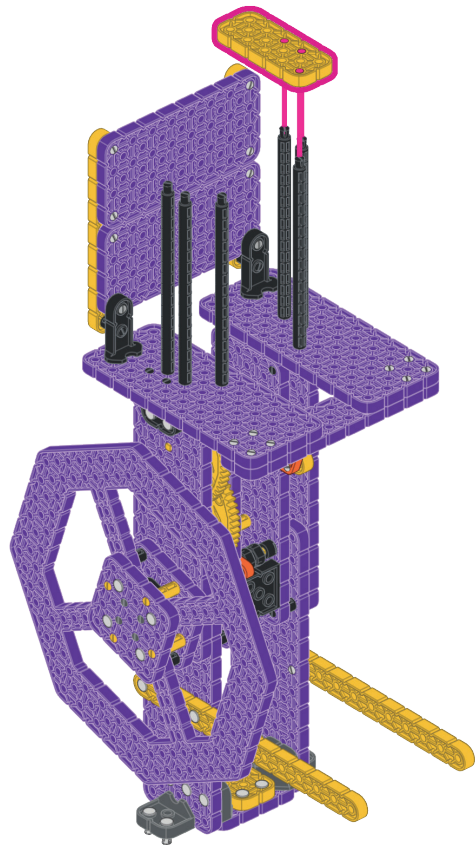


2x5

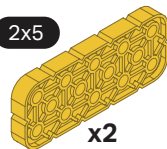


64

2X



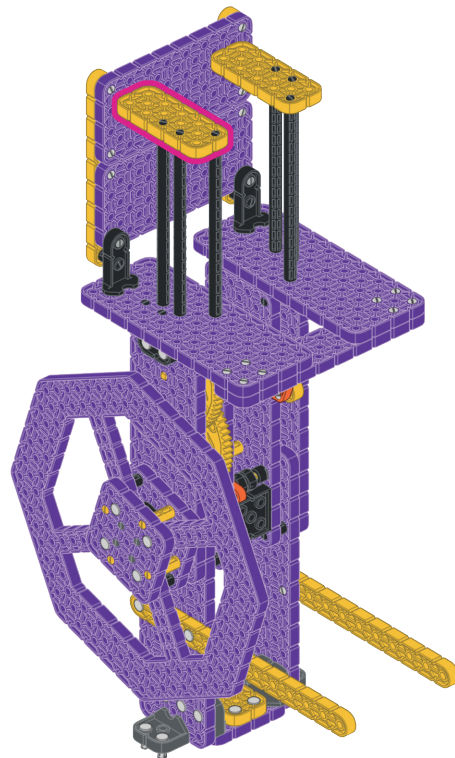
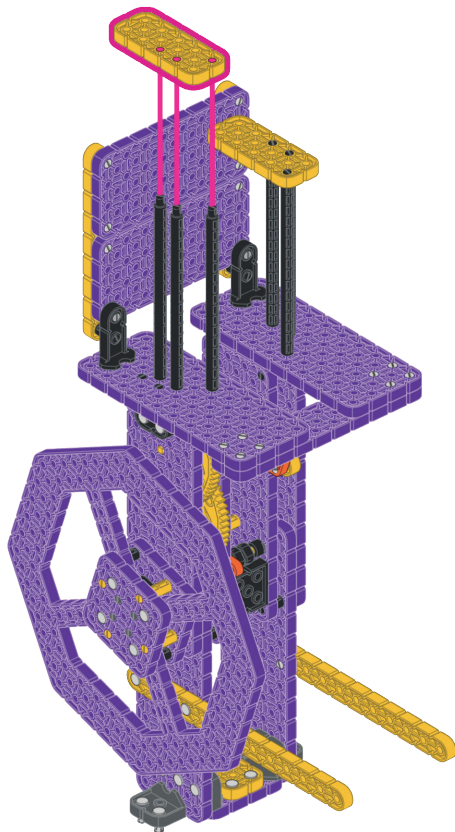
2x5

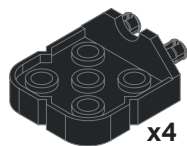


x2

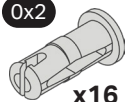
65

2X

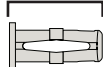




0x2

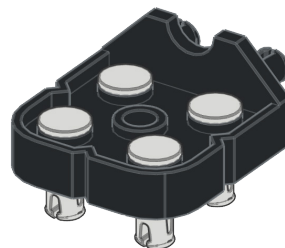
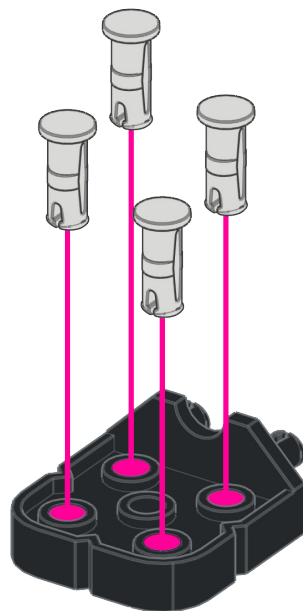


1:1



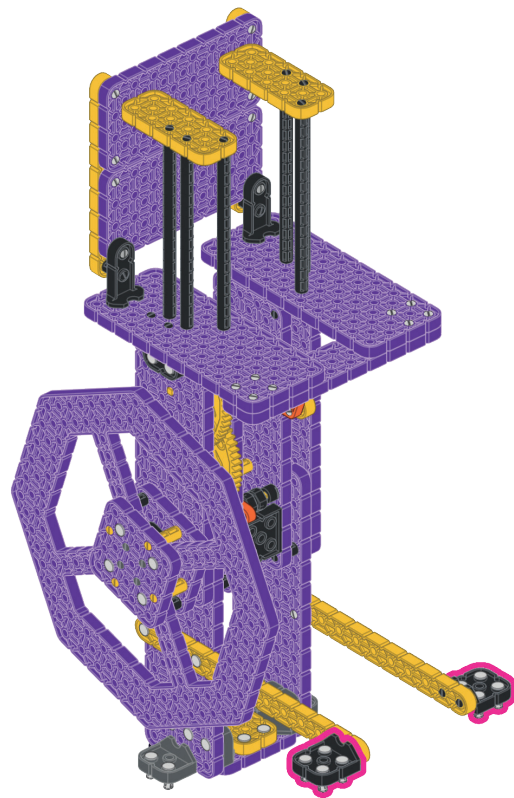
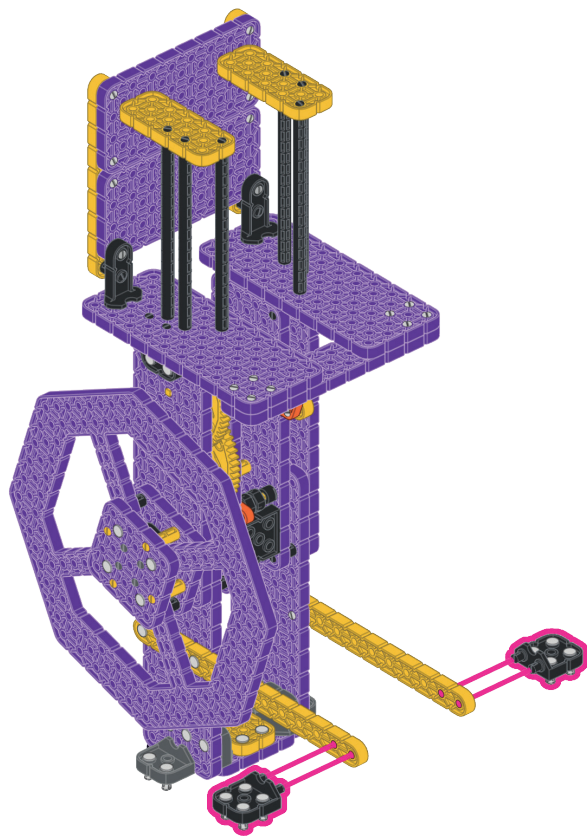
66

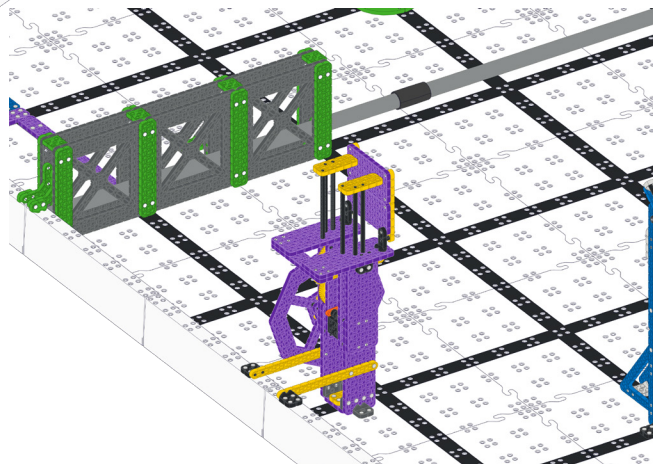
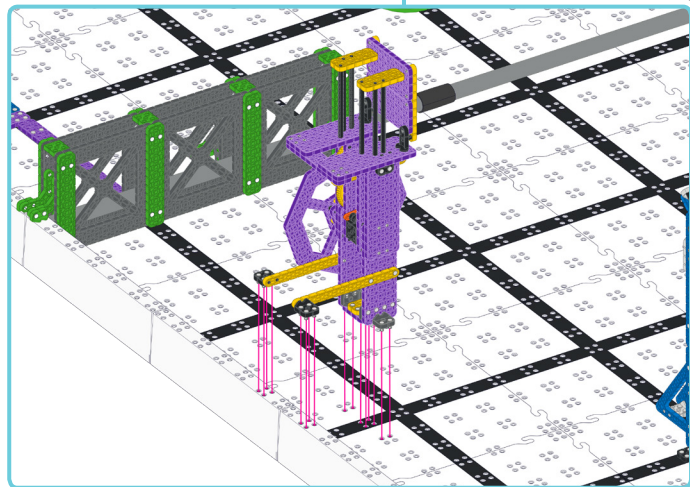
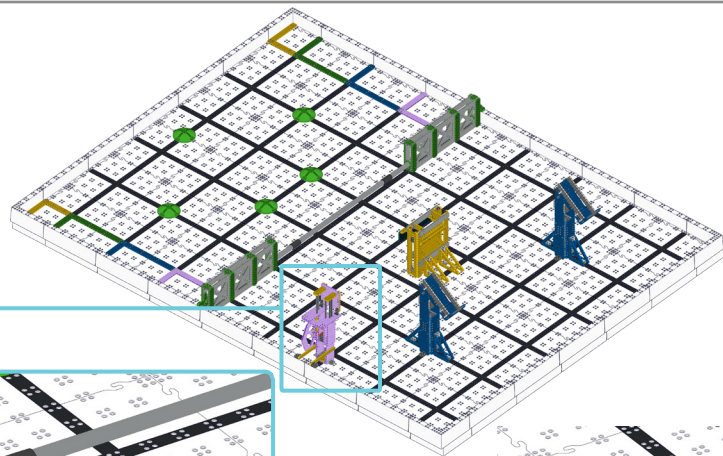
4X



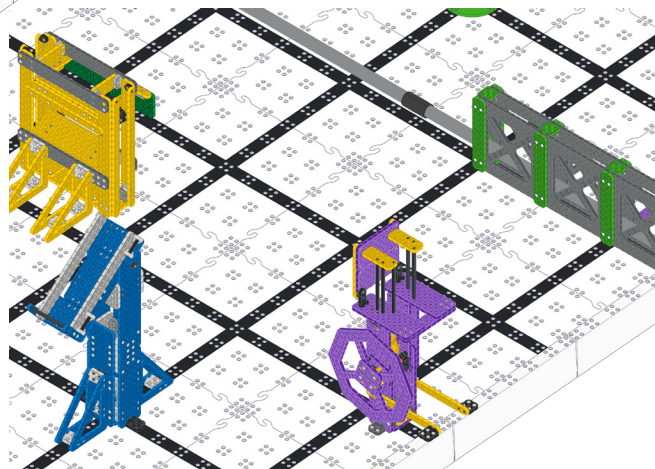
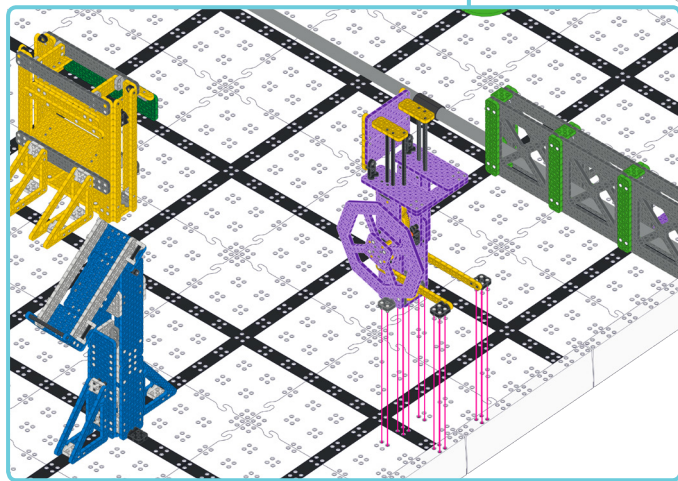
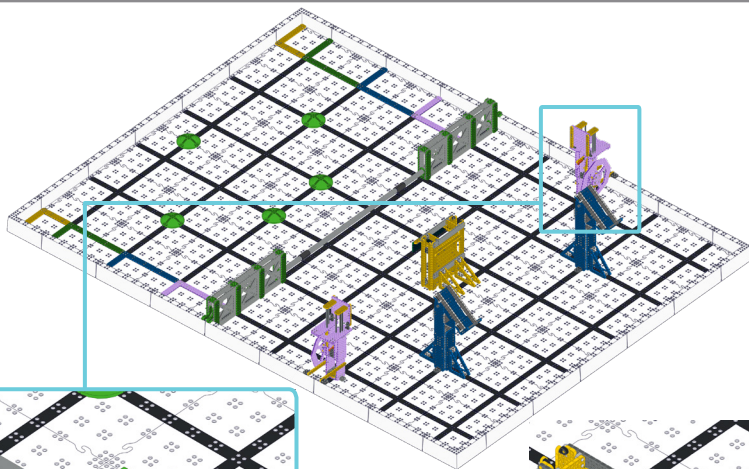
67

2X





69



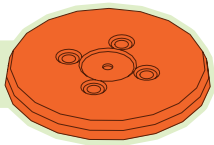
Disc



90x

5

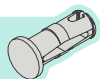
228-3446-2448

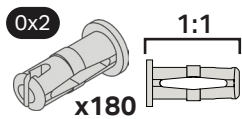
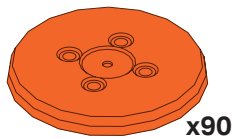


180x

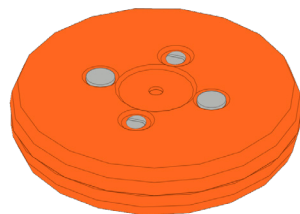
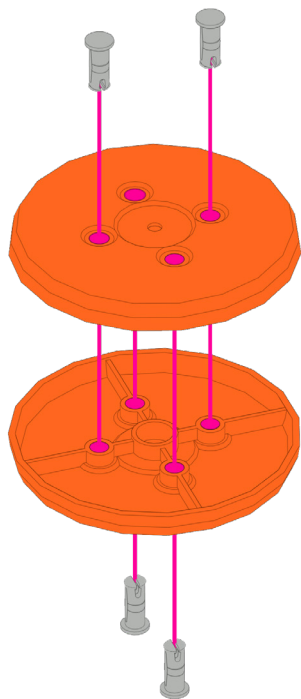
0x2

228-3943-086

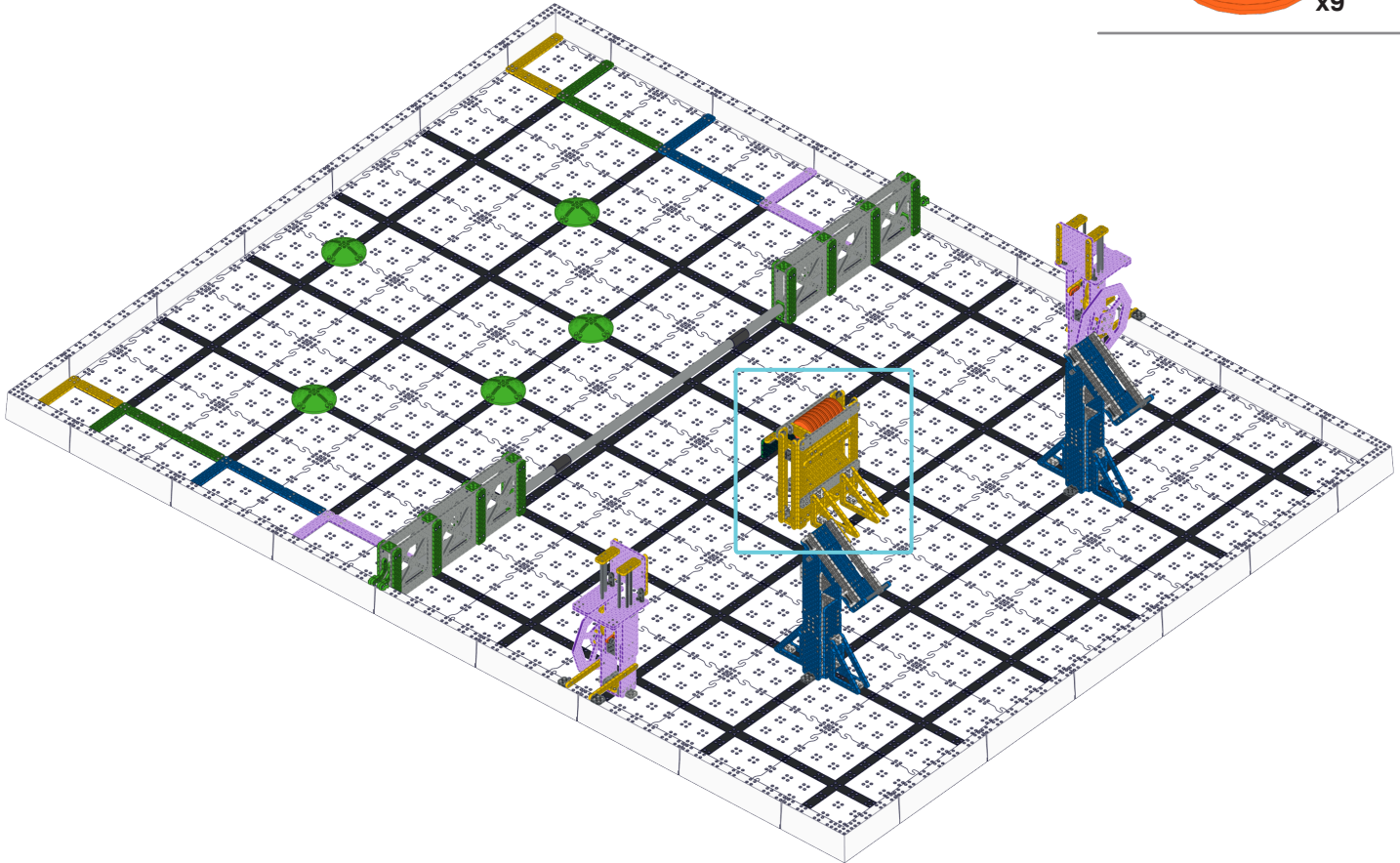
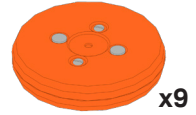


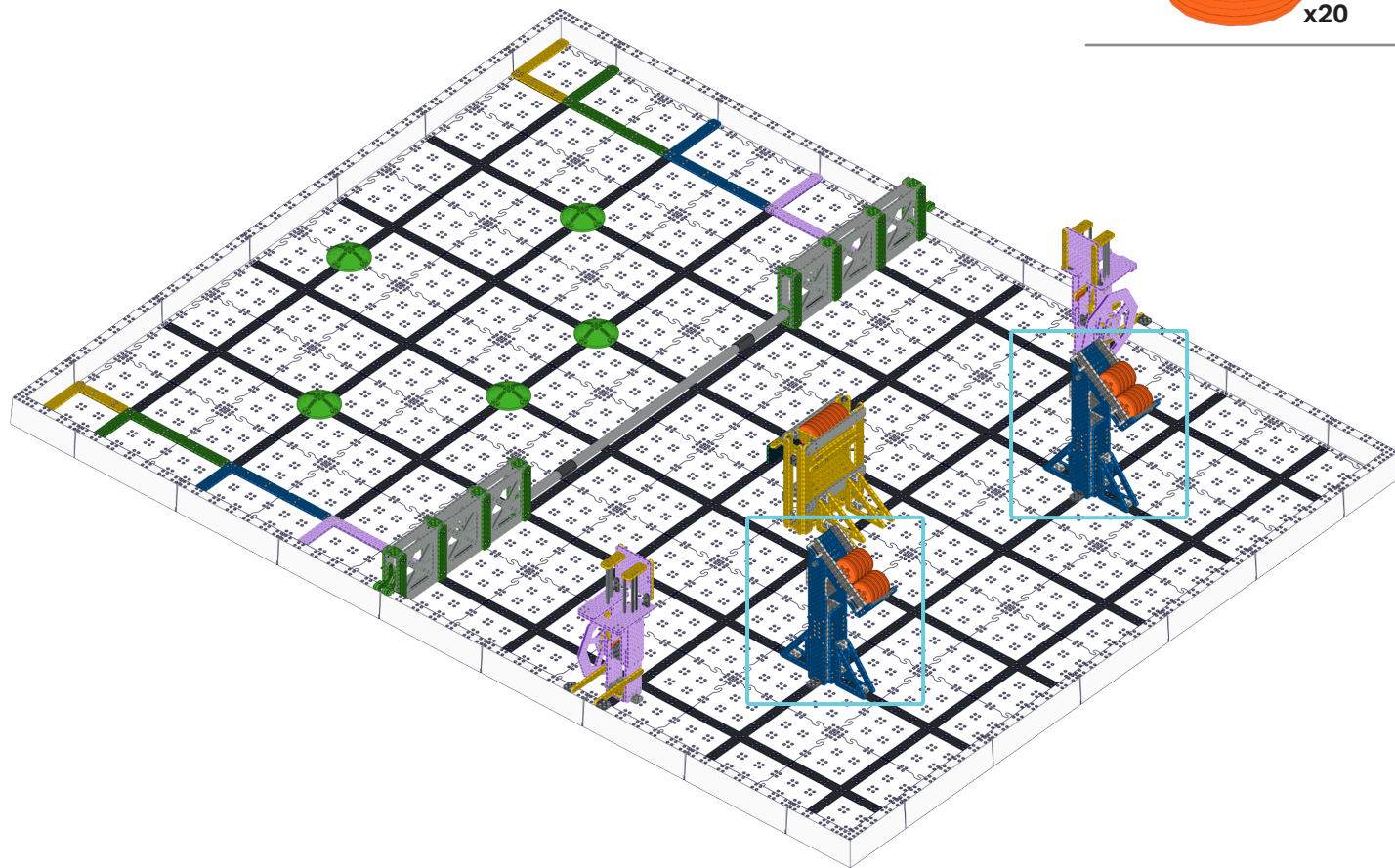
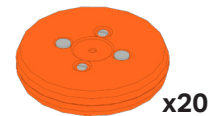


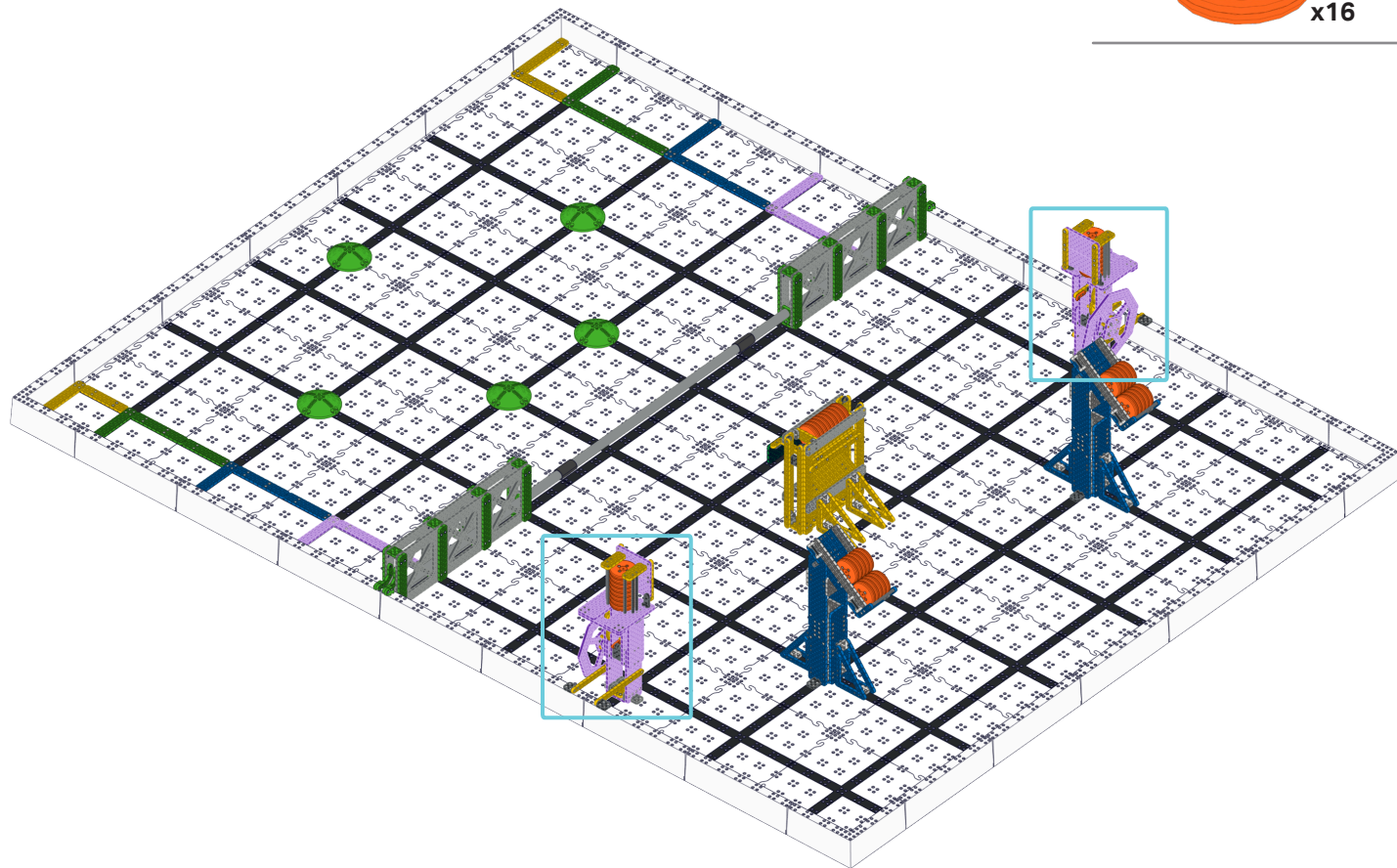
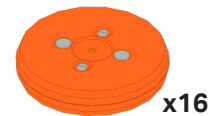
45X



Game Element Placement







Build Instructions

228-7506-750 Rev9



A SUBSIDIARY OF
INNOVATION FIRST
INTERNATIONAL

Custom manufactured in China for Innovation First Trading SARL. Distributed in the U.S.A, Mexico, Caribbean, Central & South America by VEX Robotics, Inc., 6725 W. FM 1570, Greenville, TX 75402, U.S.A. Distributed in China by Innovation First International (Shenzhen), Ltd., Suite 1906, Excellence Tower, 98 Fuhua Yi Road, Futian, Shenzhen, Guangdong, China 518048. Distributed in other regions by Innovation First Trading SARL, Z.A.E. Wolser G, 315, 3434 – Dudelange, Luxembourg +352 27 86 04 87. Distributed in Canada by / Distribué au Canada par / Innovation First Trading, LLC, 6725 W. FM 1570, Greenville, TX 75402, U.S.A.