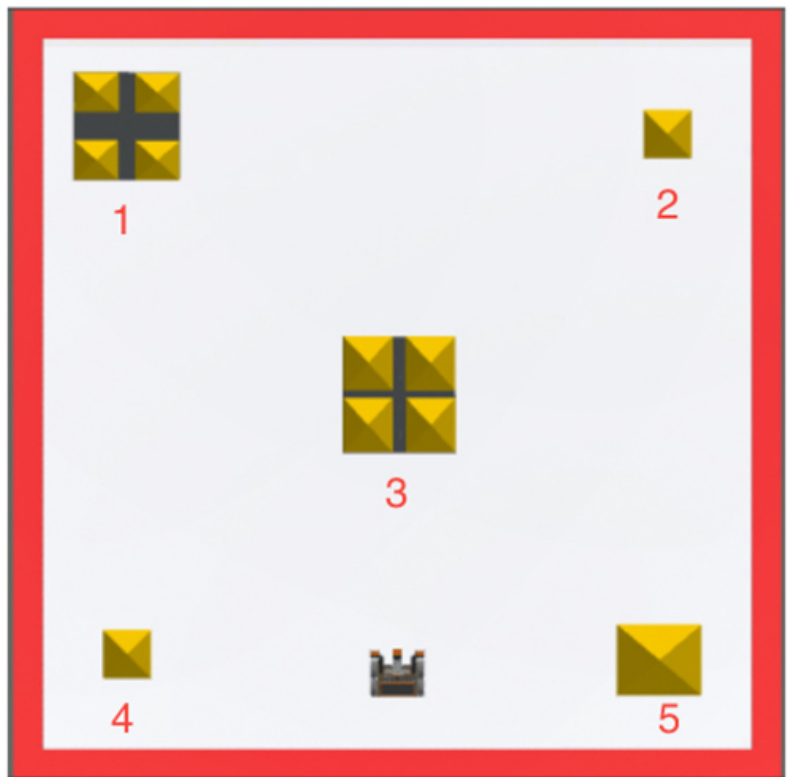


Computer Science Level 1 - Blocks with VEXcode VR Course

Unit 2 - Lesson 4: Castle Crasher Challenge Quiz

```
when started
  set drive velocity to 100 %
  set turn velocity to 100 %
  drive forward for 1550 mm
  turn right for 90 degrees
  drive forward for 700 mm
  turn right for 90 degrees
  drive forward for 1600 mm
  turn right for 90 degrees
  drive forward for 1500 mm
  turn right for 90 degrees
  drive forward for 1600 mm
```



1. What building on the Castle Crasher Playground will be the THIRD knocked over according to this project?

- a. 1
- b. 3
- c. 4
- d. 5

2. Which of the following would result in the VR Robot driving in a square?

- a. Drive forward for 200 millimeters (mm), Drive forward 200 millimeters (mm), turn right 90 degrees, turn right 90 degrees, drive forward 200 millimeters (mm), turn right 90 degrees, drive forward 200 millimeters (mm).
 - b. Drive forward for 2000 millimeters (mm), turn right 90 degrees, Drive forward 200 millimeters (mm), turn left 90 degrees, drive forward 2000 millimeters (mm), turn right 90 degrees, drive forward 200 millimeters (mm).
 - c. Drive forward for 200 millimeters (mm), turn right 90 degrees, Drive forward 200 millimeters (mm), turn right 90 degrees, drive forward 200 millimeters (mm), turn right 90 degrees, drive forward 200 millimeters (mm).
 - d. Drive forward for 200 millimeters (mm), turn right 90 degrees, turn right 90 degrees, turn right 90 degrees, drive forward 200 millimeters (mm), drive forward 2000 millimeters (mm), drive forward 200 millimeters (mm).
-

3. What is NOT necessary to create a working project?

- a. Adding blocks into the project randomly.
 - b. Sequencing commands in the correct order.
 - c. Using the correct commands.
 - d. Accurate parameters and values in commands.
-