

Recap

- repeat
- for
- variable (in the for block)
- custom blocks
- block parameters
- random numbers

Which of the following is not a plausible output?

pick random 4 to 9 + pick random 3 to 7

- A. 3
- B. 8
- C. 12
- D. 16

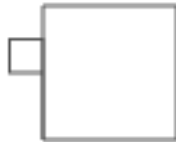
What would appear on the screen?

```
+ draw + house + size + BUGGY? +  
point in direction 0  
draw square size BUGGY  
turn 90 degrees  
move size / 2 steps  
turn 90 degrees  
draw square size / 4 BUGGY
```

```
+ draw + square + size + BUGGY +  
move size steps  
turn 90 degrees  
move size steps  
turn 90 degrees  
move size steps  
turn 90 degrees  
move size steps
```



A



B



C

Preview

- conditionals (if, if-else)
- variables
- user input (ask and wait, answer)
- reporter blocks
- number guessing game

What would appear on the screen?

```
go to x: 0 y: 0
clear
pen down
repeat 10
  move 10 steps
  if x position > 50
    change y by 10
```



A



B



C