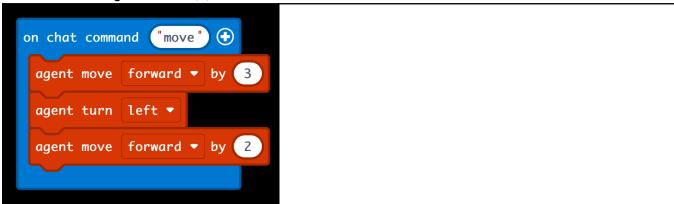
Block Coding Test 1 - Loops

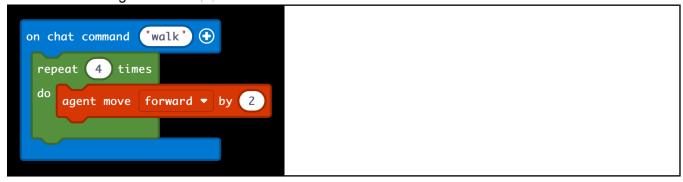
Complete the questions by writing the answers in the empty spaces. If you finish early, draw some doodles on the back of the last page.

1. What is your name? (1)

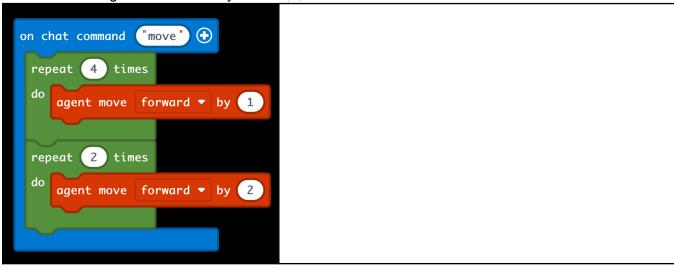
2. How far will the agent move? (1)



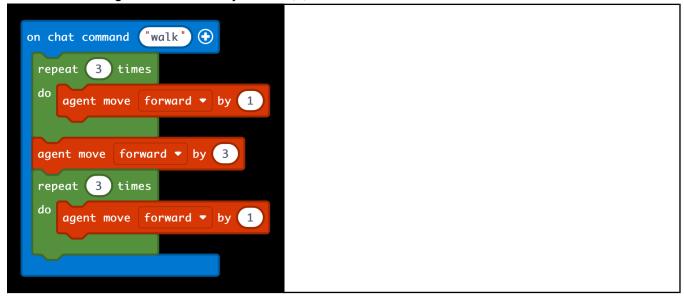
3. How far will the agent move? (1)



4. Rewrite this using as little code as you can. (1)



5. Rewrite this using as little code as you can. (1)



6. How many blocks will the agent place? (Assume the agent has blocks) (1) Explain your answer. (2)

```
on chat command "build" (+)

repeat 4 times

do agent place back \(\neg \)

agent move forward \(\neg \) by 1
```

7. How many blocks will the agent place? (1) Explain your answer. (2)

```
on chat command "build"

agent set block or item

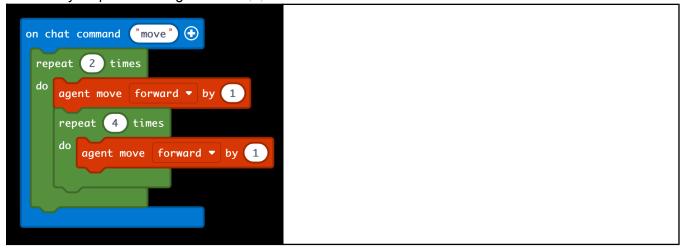
repeat 2 times

do repeat 3 times

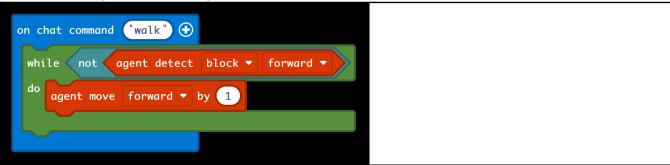
do agent move forward v by 1

agent place back v
```

8. How many steps will the agent take? (2)



9. When will the agent stop walking? (2)



10. Draw the shape the agent will build. (1) Explain your answer. (4)

