

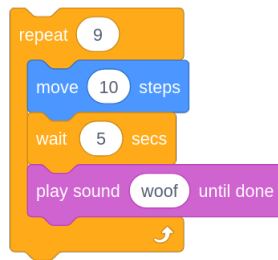
Do not write your name below this line.

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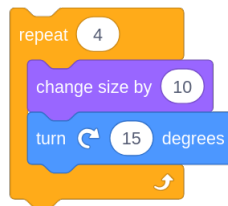
## Loops

Scratch Username: \_\_\_\_\_

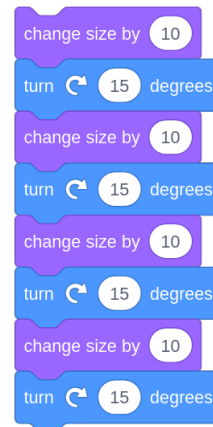
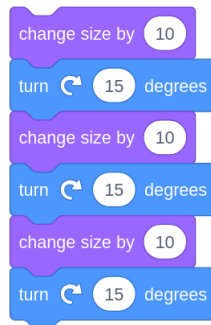
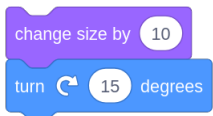
.....



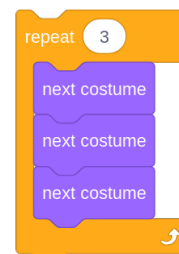
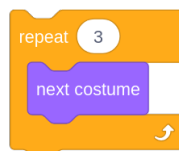
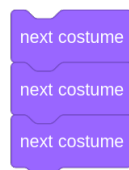
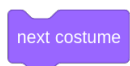
1. How many times will the blocks in the loop repeat?



2. **Circle** the script that makes the sprite do the same thing as the loop above:

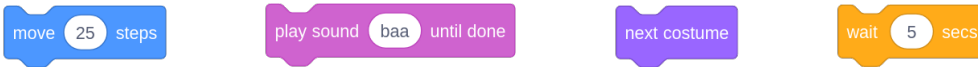


3. **Circle ALL** the scripts that make the sprite change costumes **exactly** 3 times.

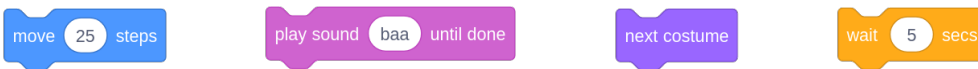




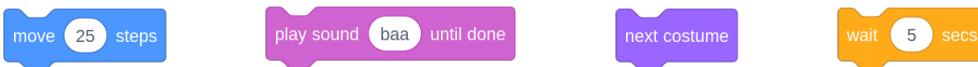
4a. Circle **ALL** the blocks that run 6 times in the script above.



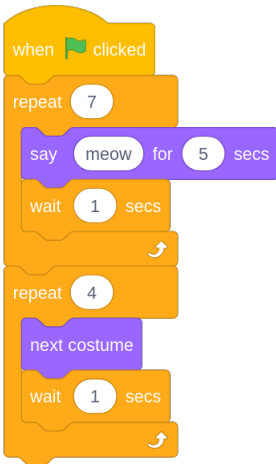
4b. Circle **ALL** the blocks that run before the repeat loop in the script above.



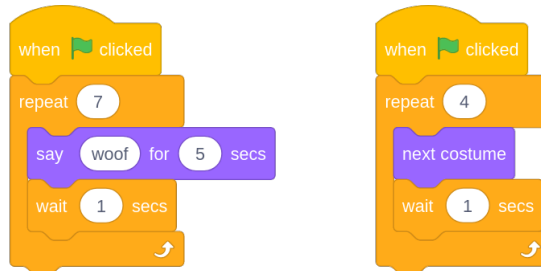
4c. Circle **ALL** the blocks that run after the repeat loop in the script above.



Cat's Code



Dog's Code

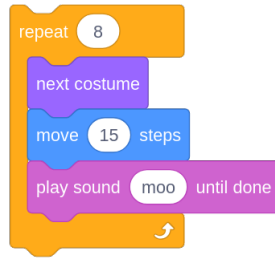


5a. Circle: When the green flag is clicked, what will Cat do?

- A. Cat says "meow" 7 times **then** changes costumes 4 times.
- B. Cat says "meow" and changes costumes **at the same time**.

5b. Circle: When the green flag is clicked, what will Dog do?

- A. Dog says "woof" 7 times **then** changes costumes 4 times.
- B. Dog says "woof" and changes costumes **at the same time**.



6. Explain what this script will make the sprite do.

Each time the loop runs:

First \_\_\_\_\_.

Next, \_\_\_\_\_.

Last, \_\_\_\_\_.

It does this all \_\_\_\_\_ times.

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7. How do you know that you should use a loop?

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**Extra Challenge:** How many times will "quack" sound play?